

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
 Data File : BF084714.D
 Acq On : 1 Feb 2016 17:31
 Operator : SJ/IZ
 Sample : H1256-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9036

Quant Time: Feb 02 00:31:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	167476	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	688741	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	317848	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	634016	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	486238	20.00	ng	-0.01
86) Perylene-d12	15.24	264	364718	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1526595	141.98	ng	0.00
7) Phenol-d6	6.37	99	2132421	159.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	1231806	100.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	536885	161.94	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	2149969	171.64	ng	-0.01
78) Terphenyl-d14	12.82	244	2014343	93.88	ng	-0.01

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	2.92	42	988181	155.70	ng	82
6) Aniline	6.45	93	1141864	70.01	ng	# 49
9) Benzaldehyde	6.49	77	41351	5.25	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	1141864	98.06	ng	# 81
12) 1,3-Dichlorobenzene	6.66	146	1163684	90.50	ng	97
13) 1,4-Dichlorobenzene	6.74	146	1628760	126.71	ng	# 92
14) 1,2-Dichlorobenzene	6.74	146	1628760	136.04	ng	94
15) Benzyl Alcohol	6.86	79	19479	2.12	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.00	45	2392148	122.12	ng	88
18) Hexachloroethane	7.23	117	503030	101.62	ng	# 91
19) n-Nitroso-di-n-propylamine	7.14	70	849606	101.68	ng	# 74
24) Nitrobenzene	7.31	77	1733608	132.41	ng	99
25) Isophorone	7.54	82	1579215	66.43	ng	98
26) 2-Nitrophenol	7.54	139	29468	4.56	ng	# 35
31) Naphthalene	8.02	128	2812582	81.41	ng	98
33) 4-Chloroaniline	8.02	127	390447	27.33	ng	# 30
34) Hexachlorobutadiene	8.14	225	588167	93.97	ng	99
37) 2-Methylnaphthalene	8.72	142	666691	30.83	ng	97
40) Hexachlorocyclopentadiene	8.86	237	622928	117.49	ng	98
46) 2-Chloronaphthalene	9.20	162	1578515	75.50	ng	96
47) 2-Nitroaniline	9.49	65	43627	6.59	ng	# 1
48) Acenaphthylene	9.62	152	2712013	85.48	ng	96
49) Dimethylphthalate	9.49	163	3632357	150.04	ng	# 90
50) 2,6-Dinitrotoluene	9.55	165	303105	57.31	ng	# 60
56) 2,4-Dinitrotoluene	9.74	165	40817	6.05	ng	# 22
57) Fluorene	10.30	166	2871171	136.29	ng	99
59) Diethylphthalate	10.19	149	3238028	136.98	ng	94
61) 4-Nitroaniline	10.30	138	34763	6.00	ng	# 16
66) 4-Bromophenyl-phenylether	10.80	248	971222	138.69	ng	# 91
67) Hexachlorobenzene	10.85	284	535198	70.14	ng	95
70) Phenanthrene	11.25	178	1675215	47.64	ng	97
71) Anthracene	11.31	178	1016854	28.70	ng	98
73) Di-n-butylphthalate	11.80	149	1466838	37.29	ng	# 97
74) Fluoranthene	12.44	202	2213628	62.20	ng	98

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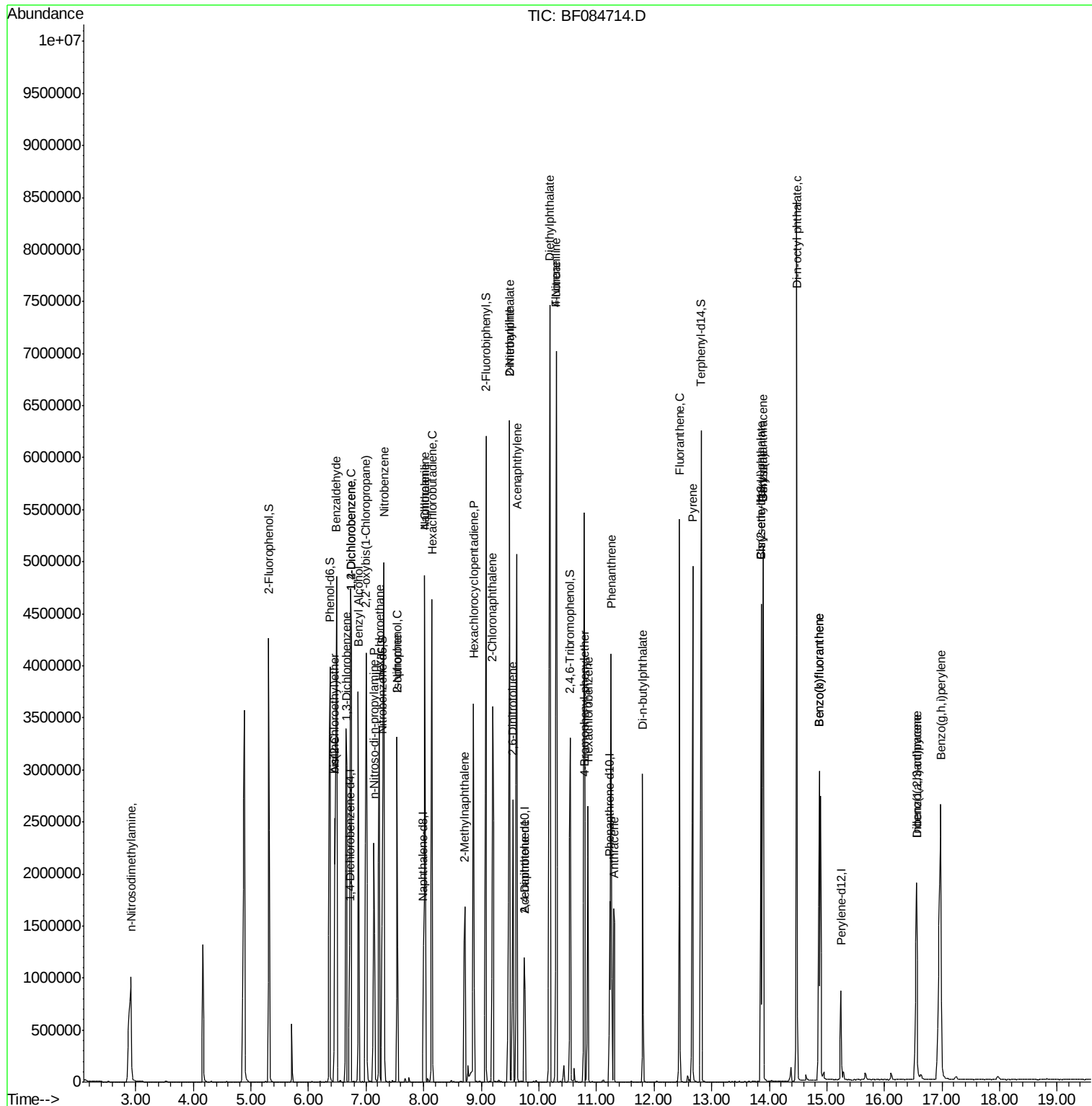
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.67	202	2262522	60.77	ng	97
80) Benzo(a)anthracene	13.89	228	2142521	70.99	ng #	93
82) Chrysene	13.89	228	2142521	73.21	ng	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	951185	45.26	ng #	95
84) Di-n-octyl phthalate	14.48	149	4296720	123.92	ng #	87
85) Indeno(1,2,3-cd)pyrene	16.56	276	1581725	68.67	ng #	93
87) Benzo(b)fluoranthene	14.87	252	2728409	111.34	ng #	97
88) Benzo(k)fluoranthene	14.87	252	2728892	134.68	ng	98
90) Dibenzo(a,h)anthracene	16.56	278	43309	2.46	ng #	63
91) Benzo(g,h,i)perylene	16.98	276	2988053	168.77	ng	99

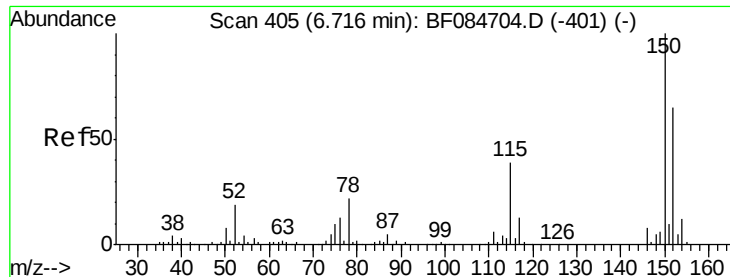
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampleId :

9036

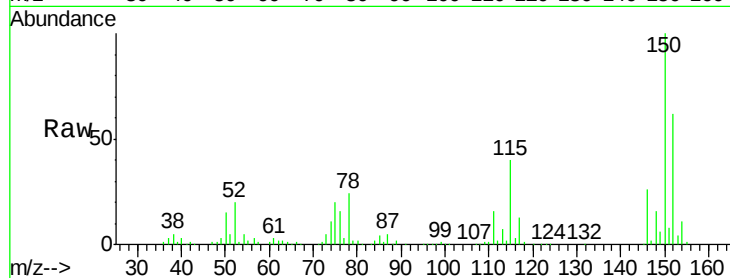
Tgt Ion:152 Resp: 167476

Ion Ratio Lower Upper

152 100

150 160.8 123.0 184.4

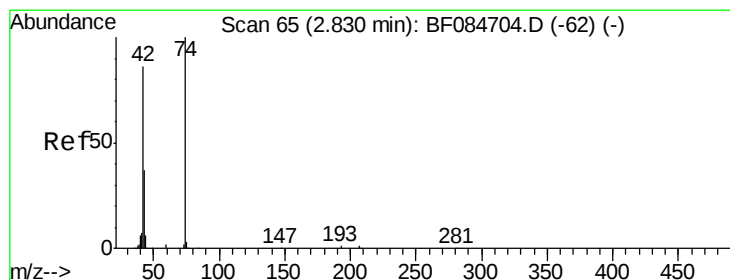
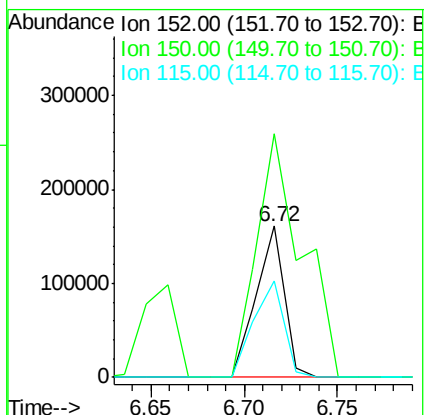
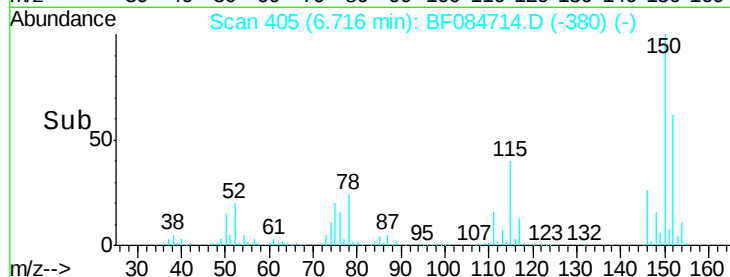
115 63.9 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine

Concen: 155.70 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

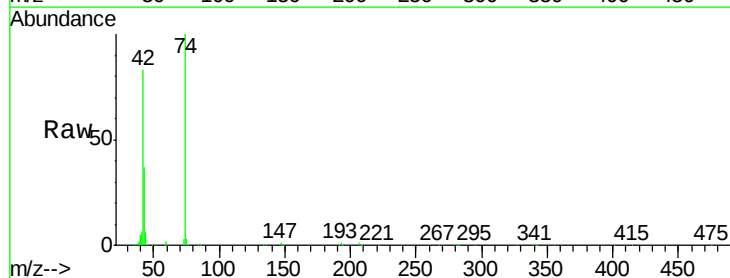
Tgt Ion: 42 Resp: 988181

Ion Ratio Lower Upper

42 100

74 121.1 115.7 173.5

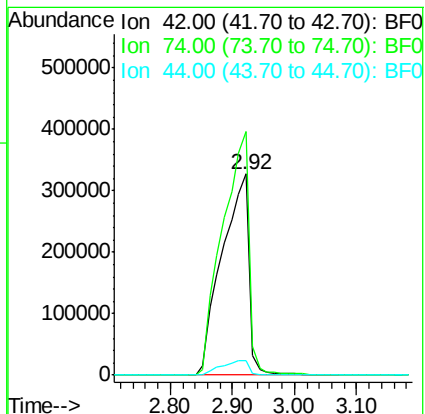
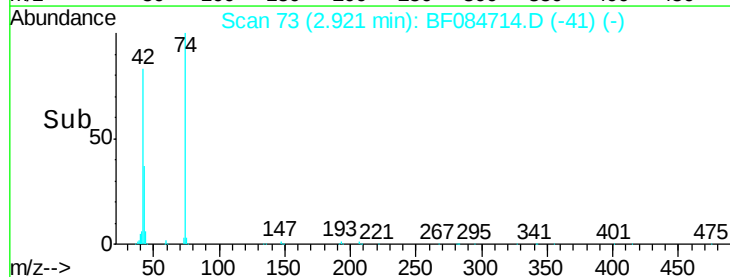
44 7.3 5.1 7.7

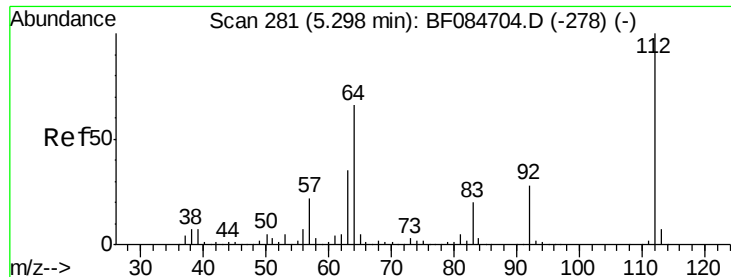


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 141.98 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampleId :

9036

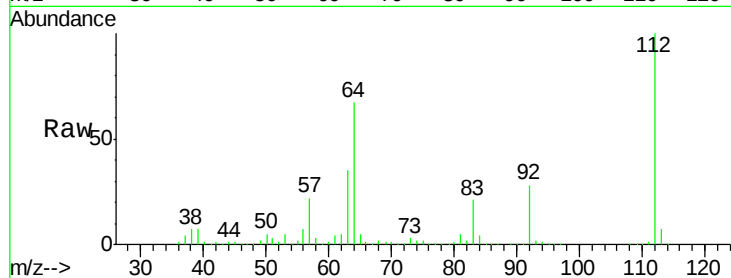
Tgt Ion: 112 Resp: 1526595

Ion Ratio Lower Upper

112 100

64 66.6 36.6 55.0#

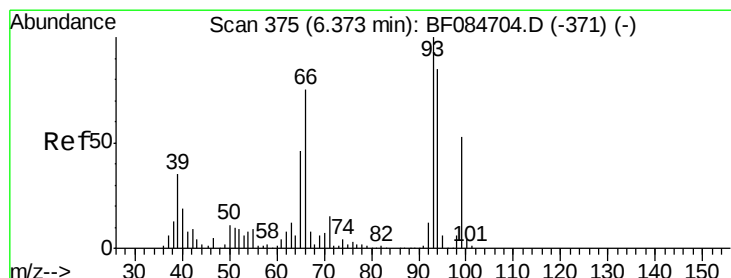
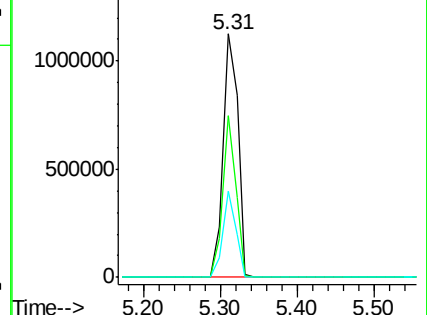
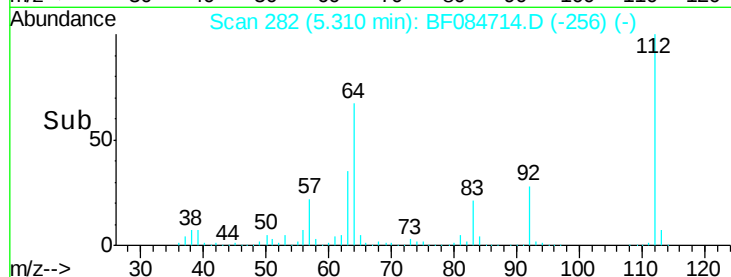
63 35.3 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 70.01 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.07 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

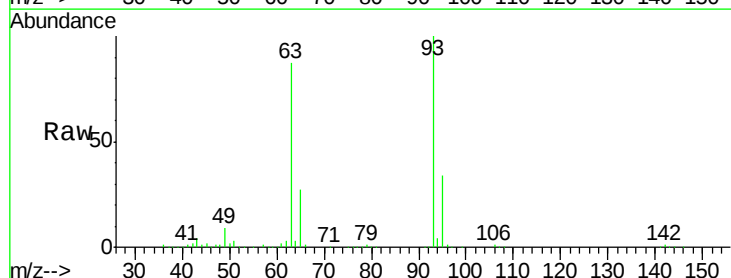
Tgt Ion: 93 Resp: 1141864

Ion Ratio Lower Upper

93 100

66 0.6 44.9 67.3#

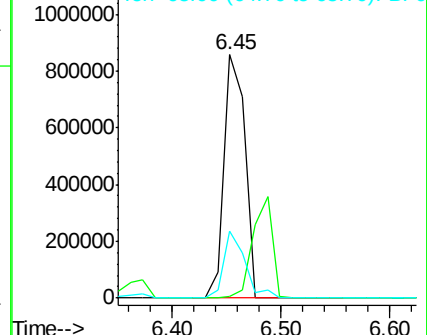
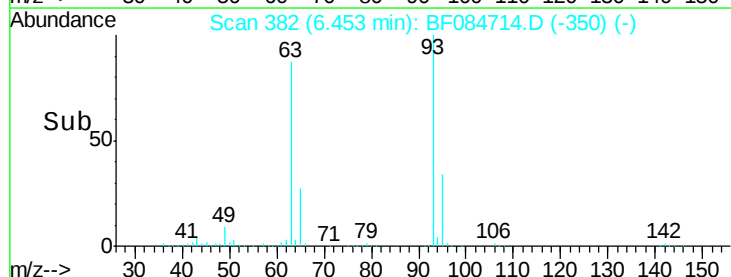
65 27.4 23.7 35.5

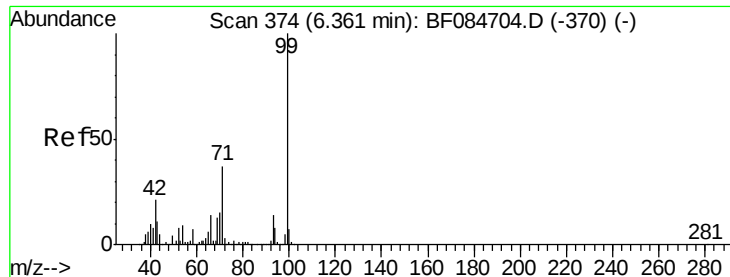


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 159.98 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

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9036

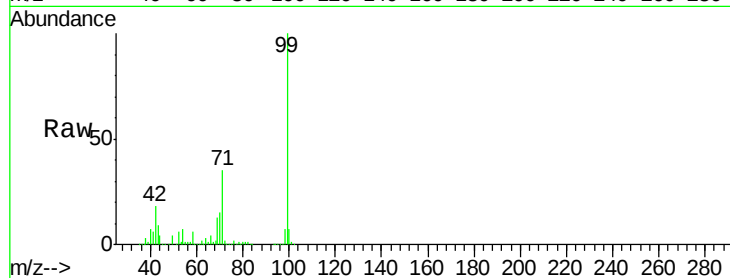
Tgt Ion: 99 Resp: 2132421

Ion Ratio Lower Upper

99 100

42 17.6 12.8 19.2

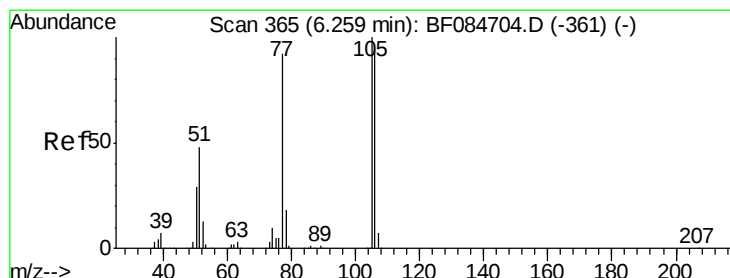
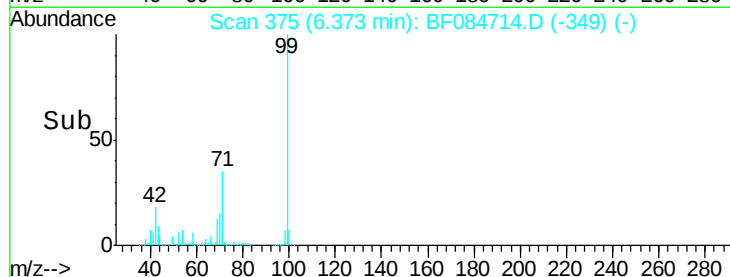
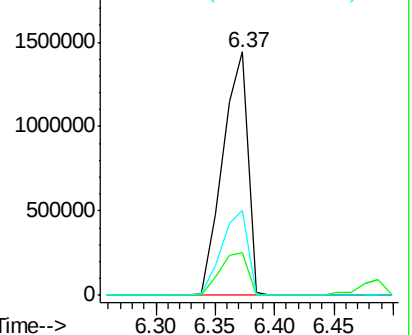
71 35.0 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 5.25 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.22 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

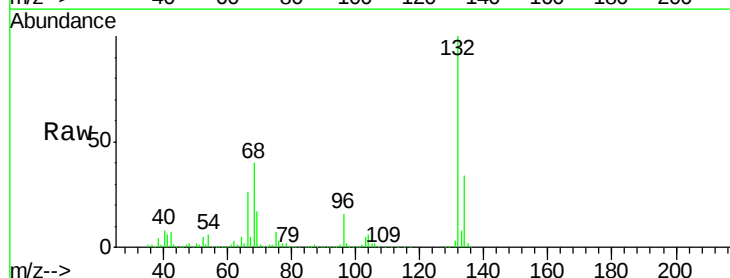
Tgt Ion: 77 Resp: 41351

Ion Ratio Lower Upper

77 100

105 83.8 83.0 123.0

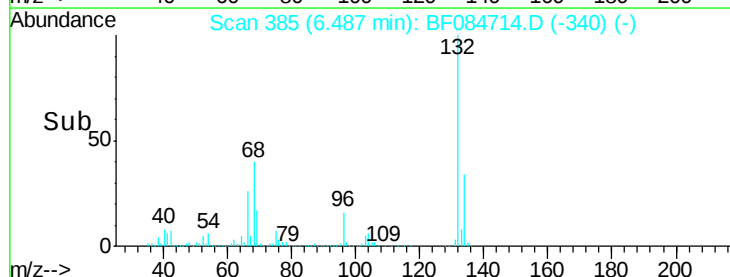
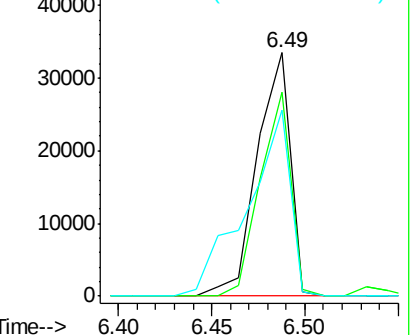
106 76.2 74.6 114.6

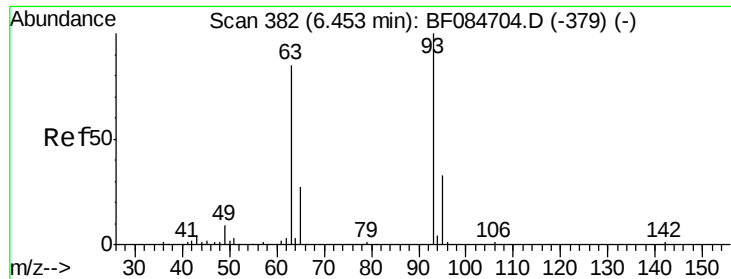


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#11

bis(2-Chloroethyl)ether

Concen: 98.06 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

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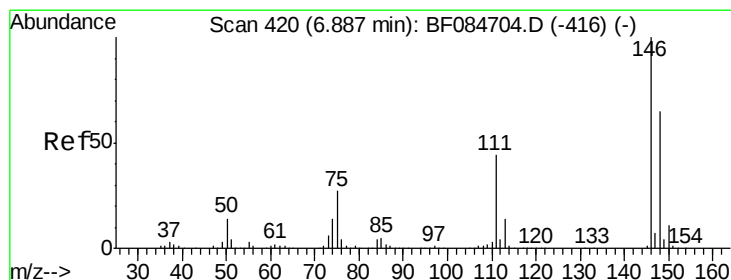
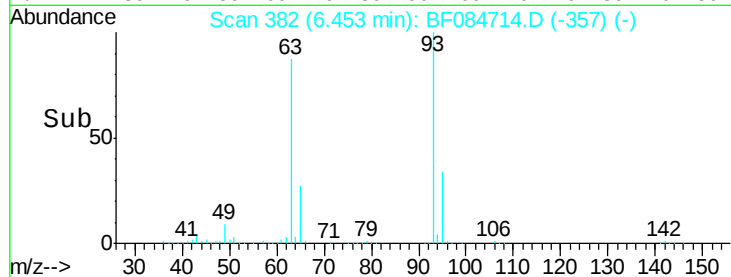
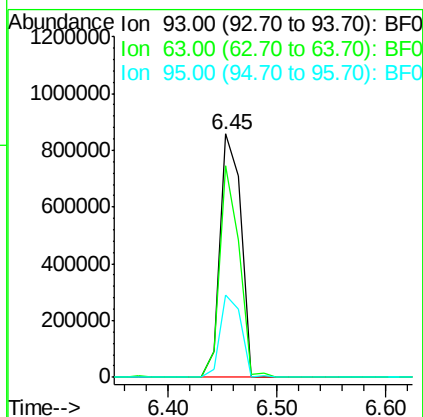
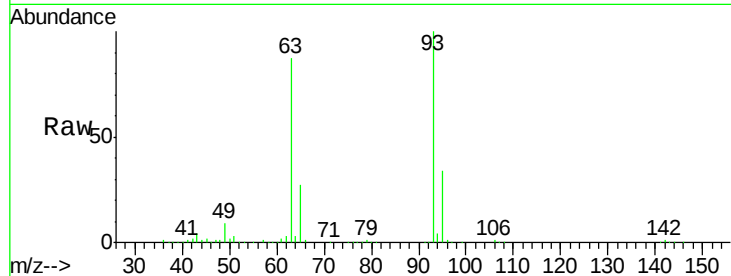
Tgt Ion: 93 Resp: 1141864

Ion Ratio Lower Upper

93 100

63 86.8 45.9 85.9#

95 33.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 90.50 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

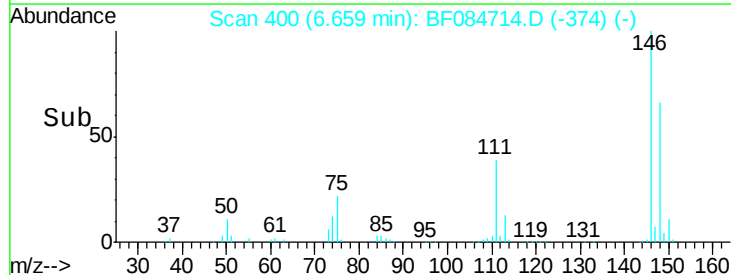
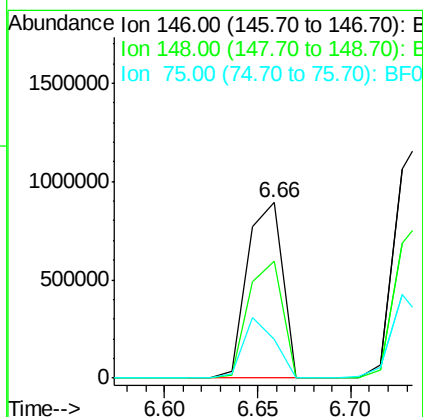
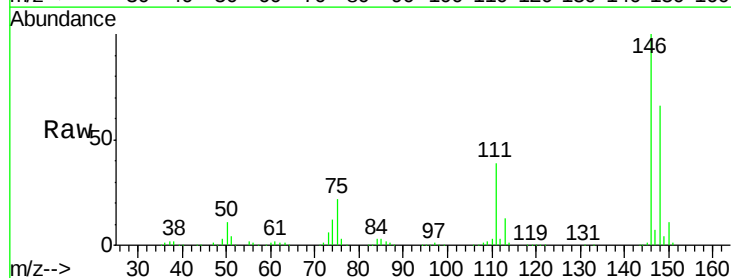
Tgt Ion: 146 Resp: 1163684

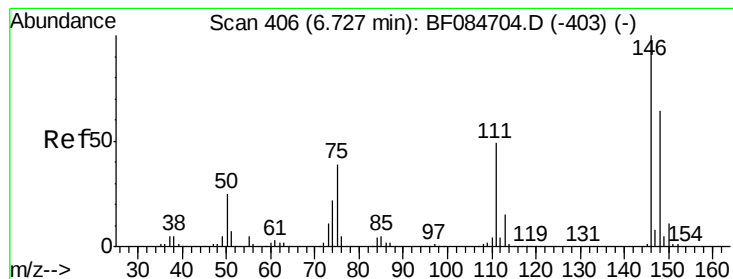
Ion Ratio Lower Upper

146 100

148 66.4 51.9 77.9

75 22.2 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 126.71 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

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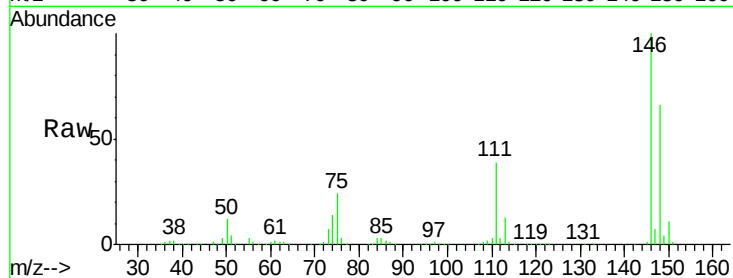
Tgt Ion:146 Resp: 1628760

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

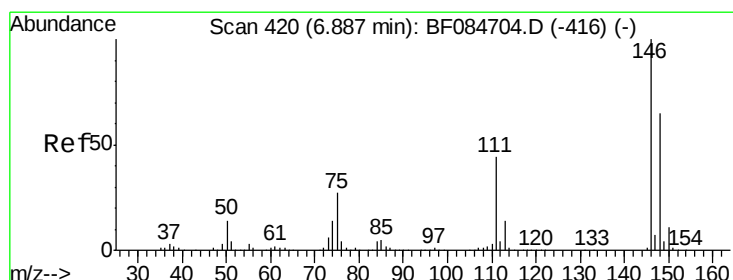
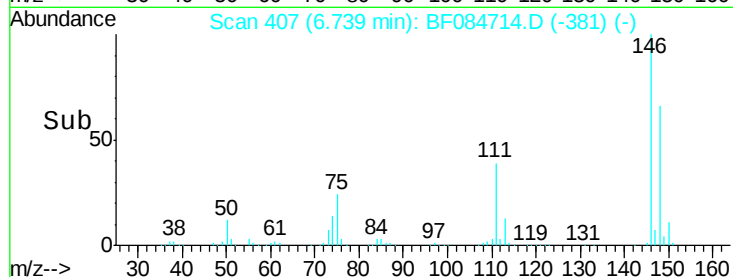
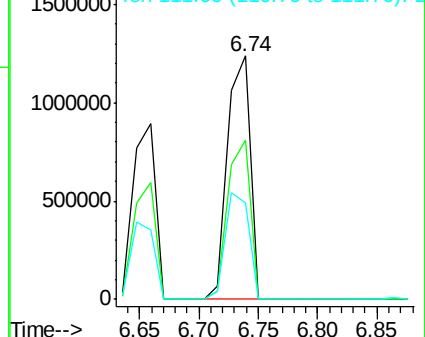
111 39.5 41.6 62.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 136.04 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.16 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

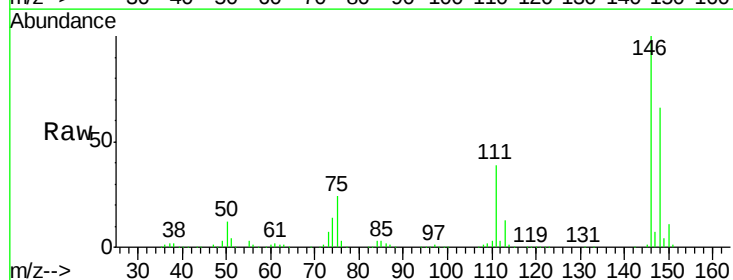
Tgt Ion:146 Resp: 1628760

Ion Ratio Lower Upper

146 100

148 65.6 51.6 77.4

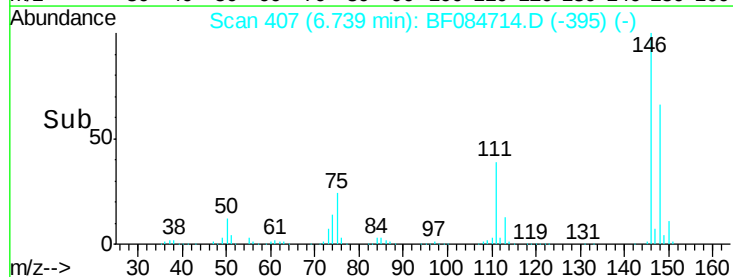
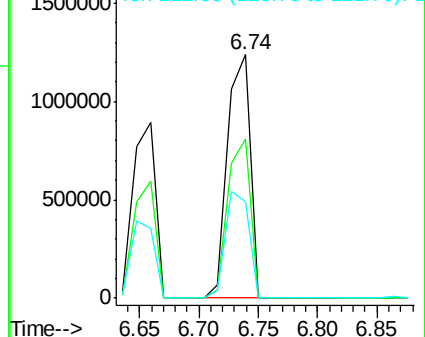
111 39.5 38.0 57.0

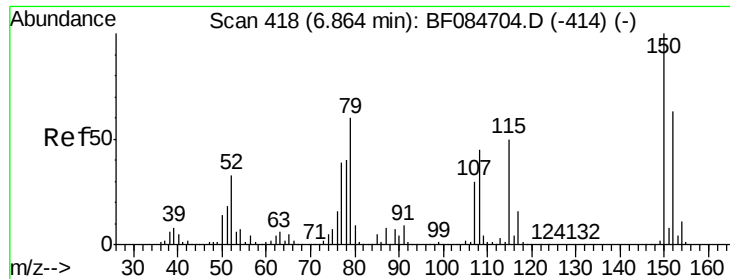


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

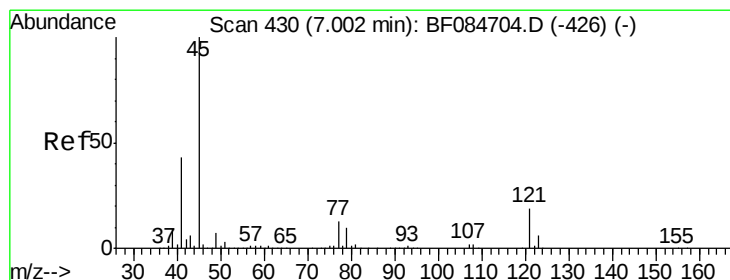
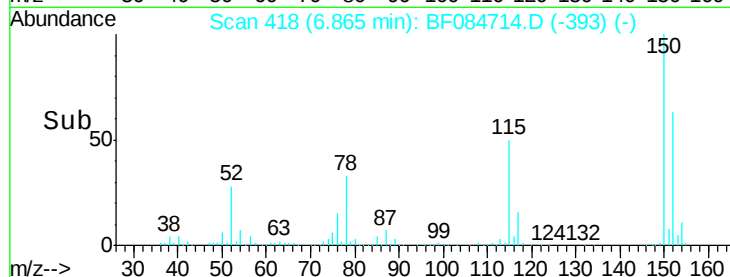
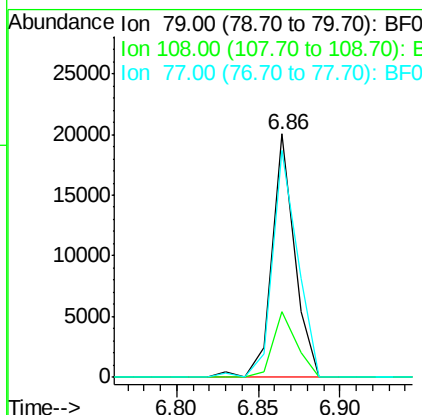
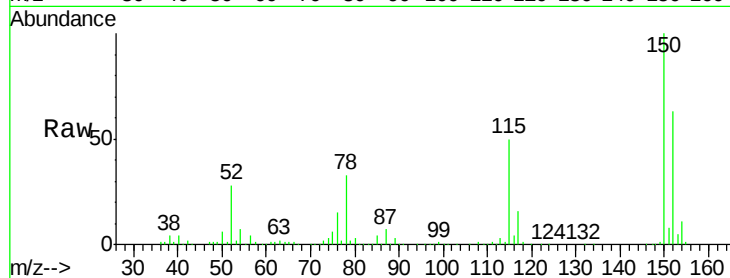




#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

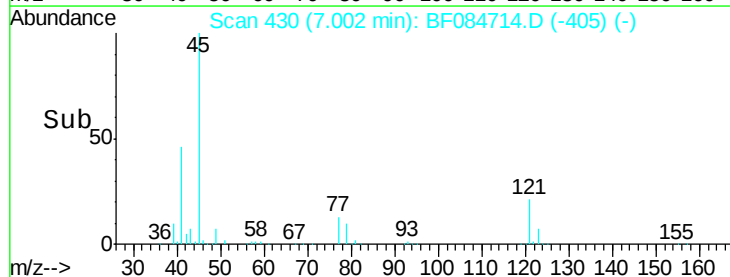
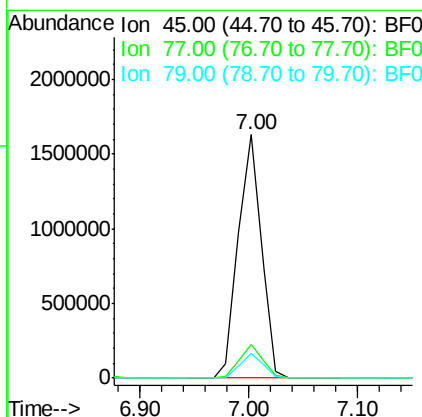
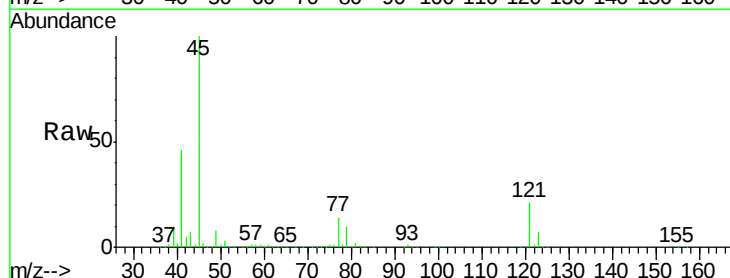
Instrument :
BNA_F
ClientSampleId :
9036

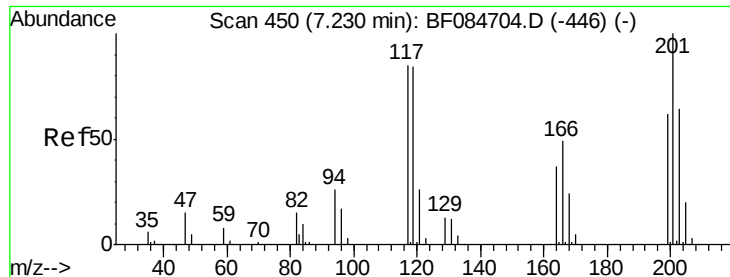
Tgt Ion: 79 Resp: 19479
Ion Ratio Lower Upper
79 100
108 27.1 69.0 103.4#
77 93.1 50.0 75.0#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 122.12 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion: 45 Resp: 2392148
Ion Ratio Lower Upper
45 100
77 13.7 0.0 39.6
79 10.2 0.0 35.0

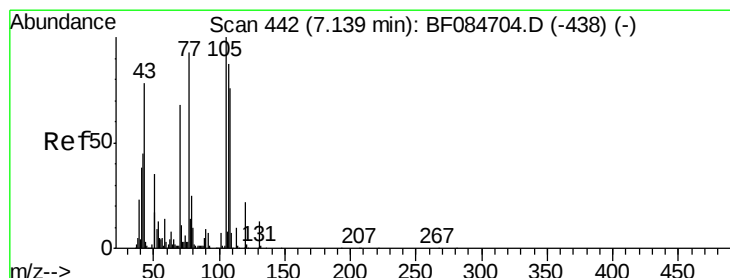
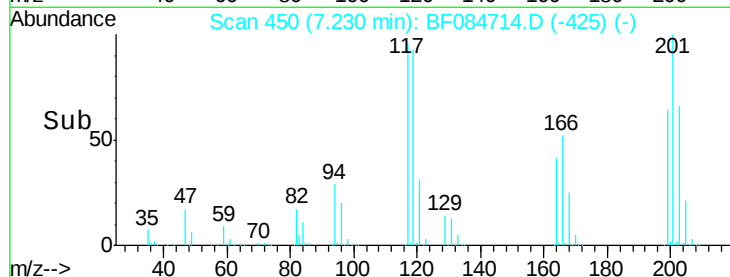
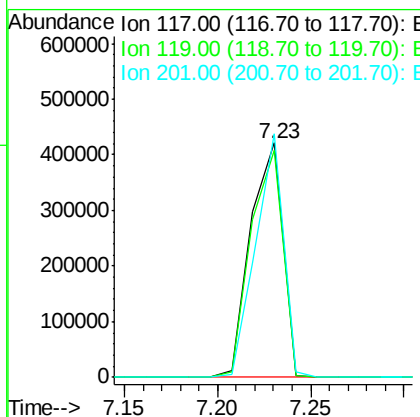
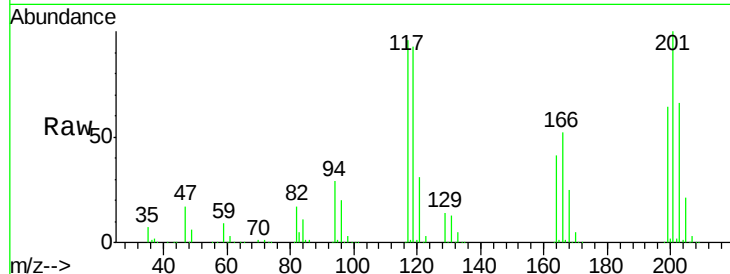




#18
Hexachloroethane
Concen: 101.62 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

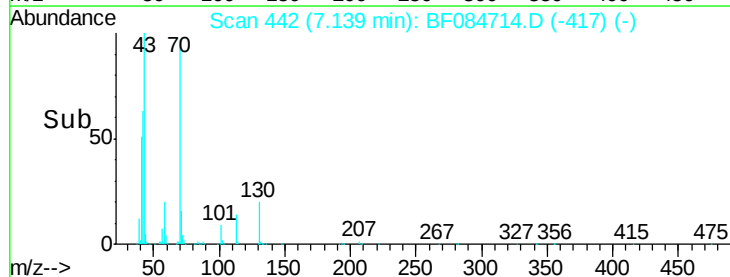
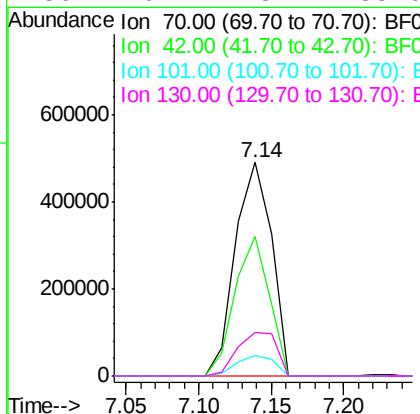
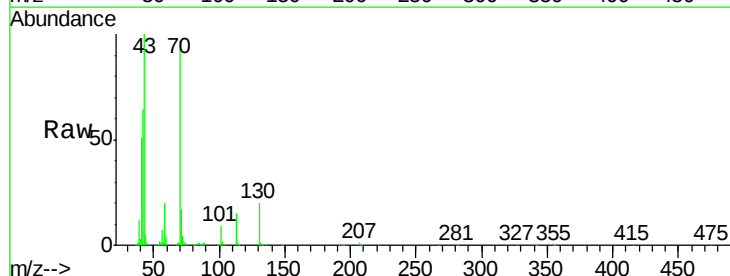
Instrument :
BNA_F
ClientSampleId :
9036

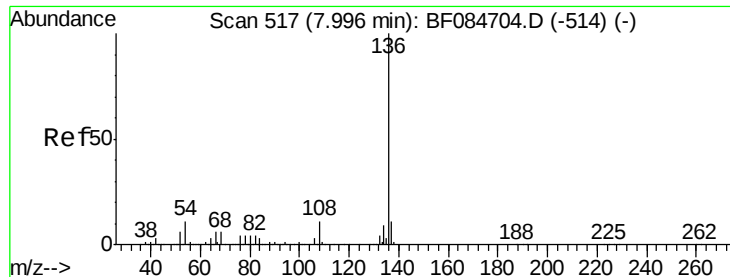
Tgt Ion: 117 Resp: 503030
Ion Ratio Lower Upper
117 100
119 96.9 77.4 116.0
201 103.9 68.6 103.0#



#19
n-Nitroso-di-n-propylamine
Concen: 101.68 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion: 70 Resp: 849606
Ion Ratio Lower Upper
70 100
42 65.4 33.3 49.9#
101 9.5 9.3 13.9
130 20.2 23.4 35.0#

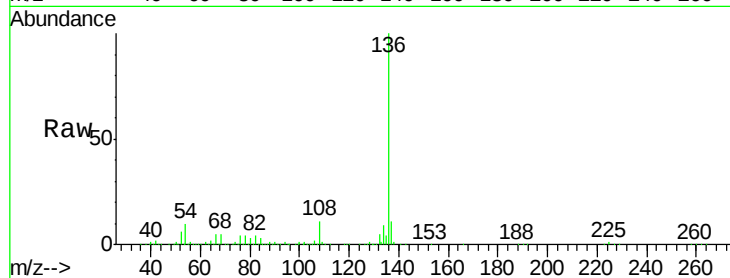




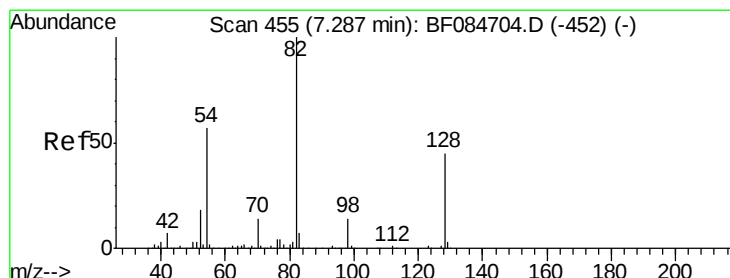
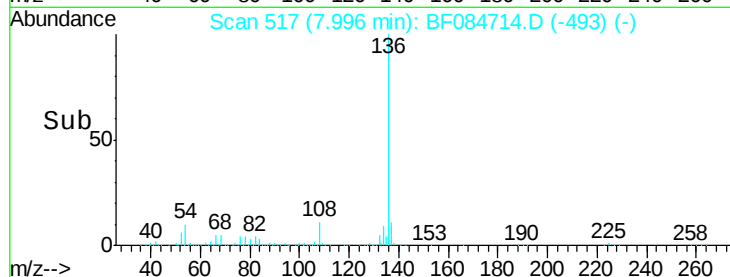
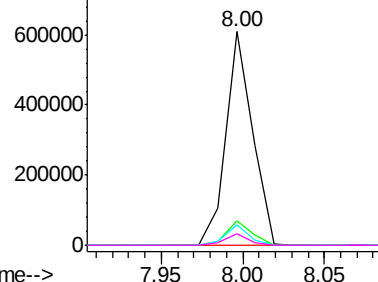
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Instrument :
BNA_F
ClientSampleId :
9036

Tgt Ion:	136	Resp:	688741
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.8	5.8	8.8#
68	5.4	4.2	6.2

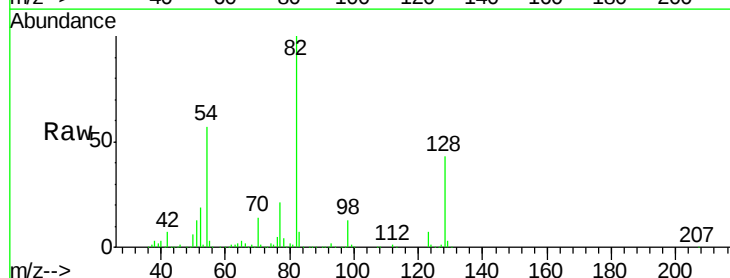


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

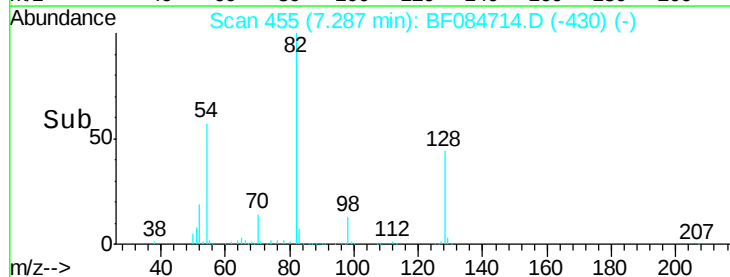
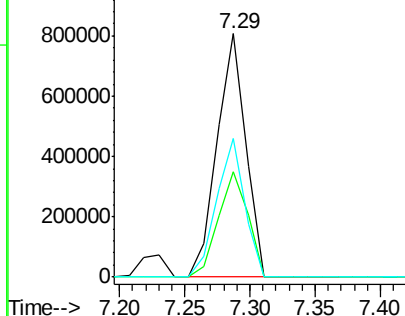


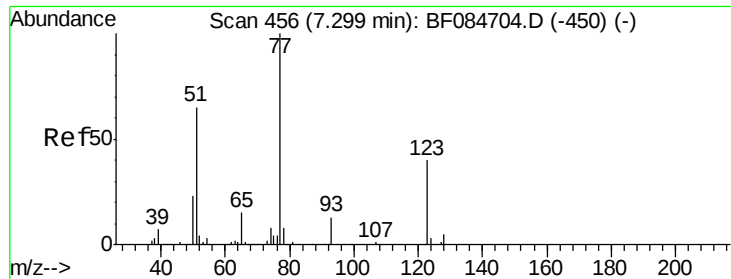
#23
Nitrobenzene-d5
Concen: 100.75 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion:	82	Resp:	1231806
Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	56.8	38.4	57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 132.41 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampleId :

9036

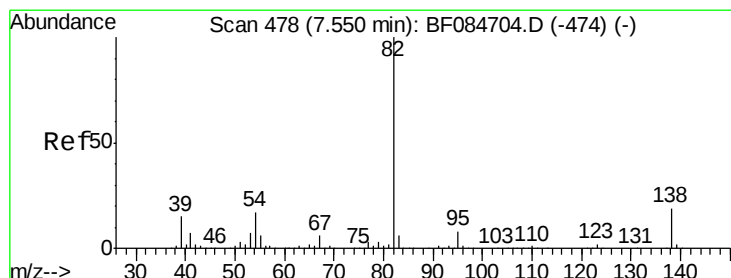
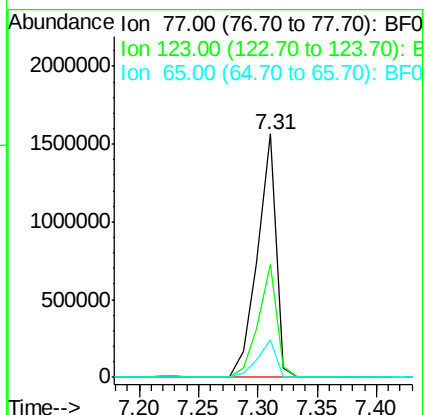
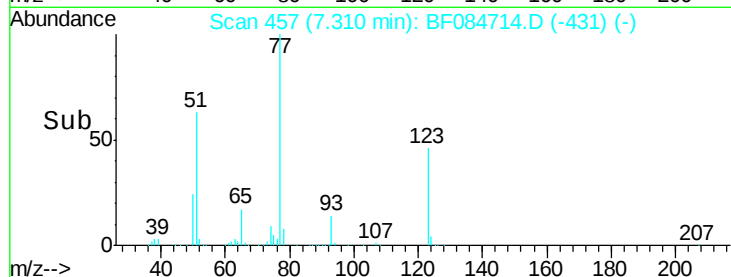
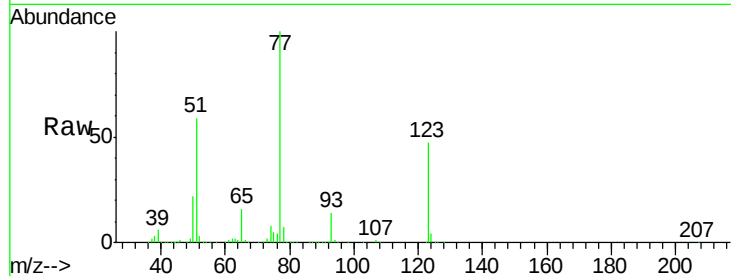
Tgt Ion: 77 Resp: 1733608

Ion Ratio Lower Upper

77 100

123 46.6 37.4 56.2

65 15.6 10.9 16.3



#25

Isophorone

Concen: 66.43 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

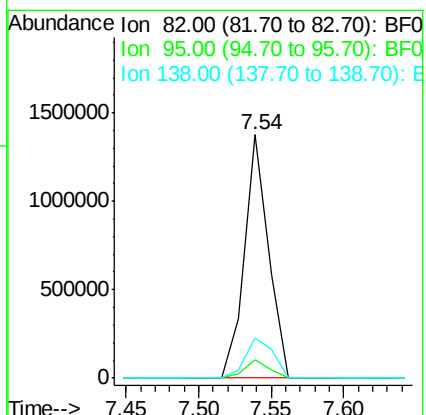
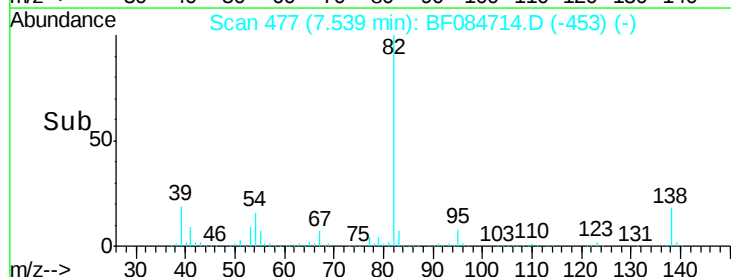
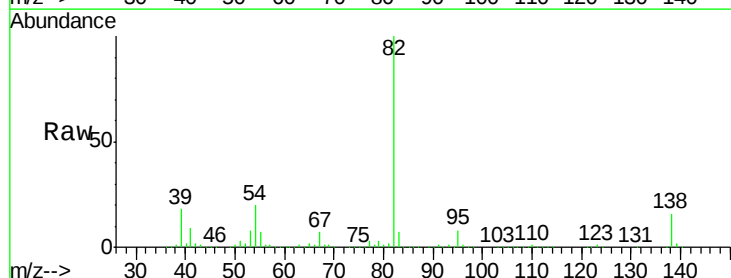
Tgt Ion: 82 Resp: 1579215

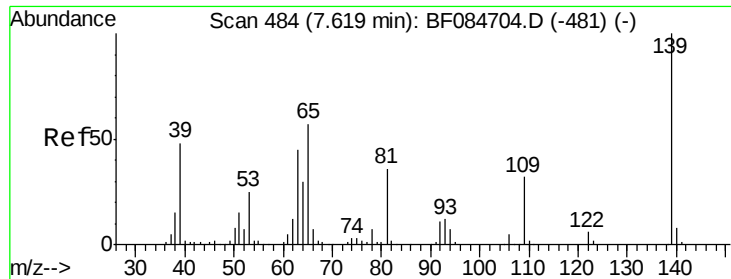
Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

138 16.4 13.6 20.4

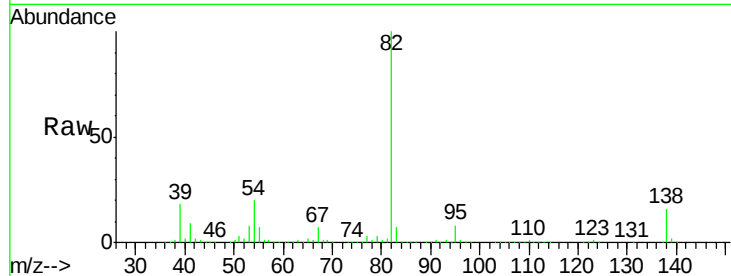




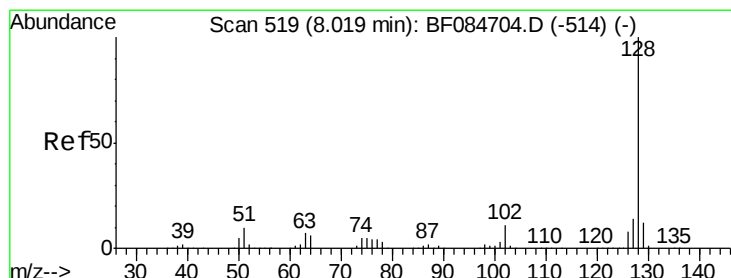
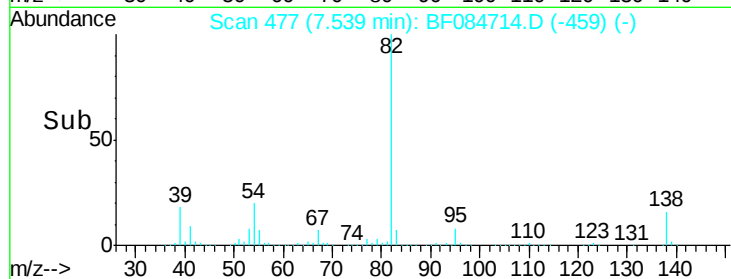
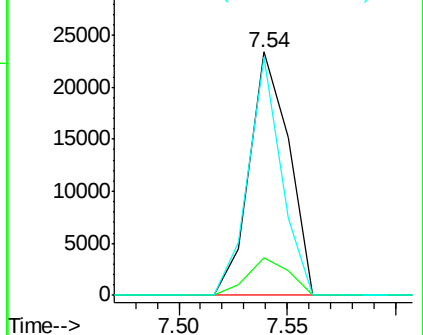
#26
2-Nitrophenol
Concen: 4.56 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.09 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Instrument :
BNA_F
ClientSampleId :
9036

Tgt Ion:139 Resp: 29468
Ion Ratio Lower Upper
139 100
109 15.2 25.4 38.2#
65 98.2 32.3 48.5#

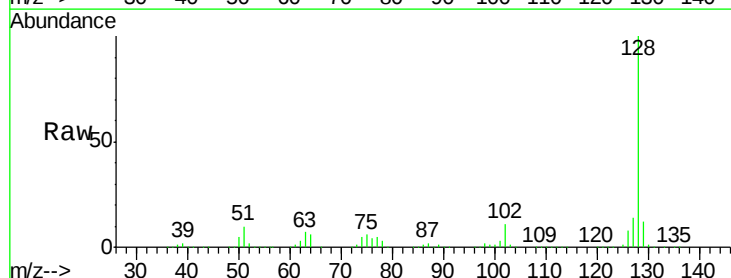


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

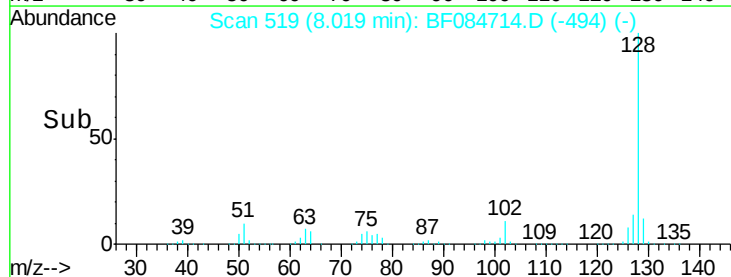
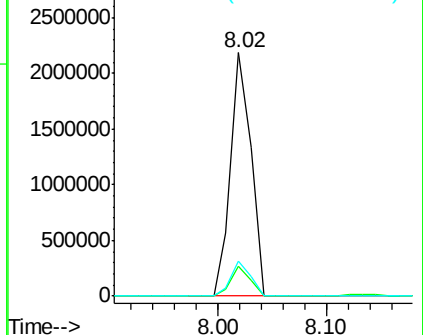


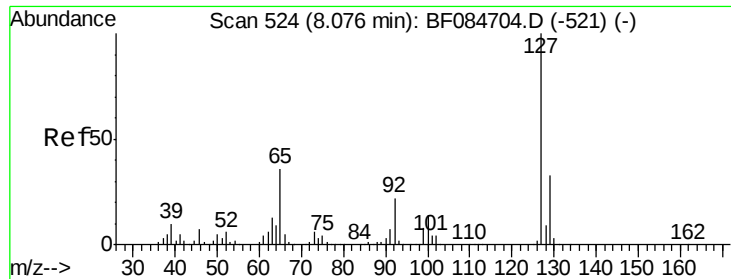
#31
Naphthalene
Concen: 81.41 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion:128 Resp: 2812582
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.3 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

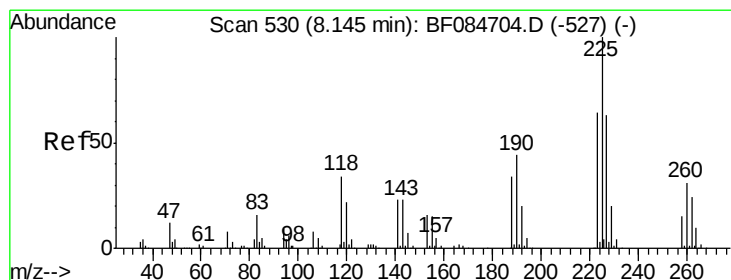
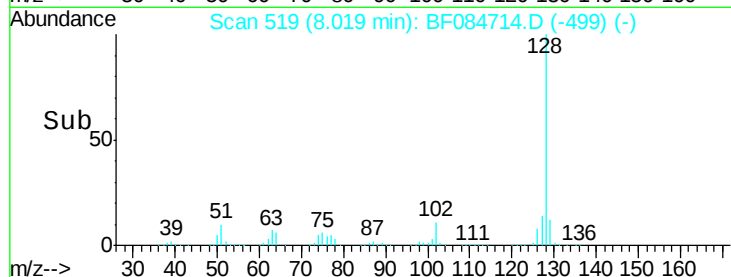
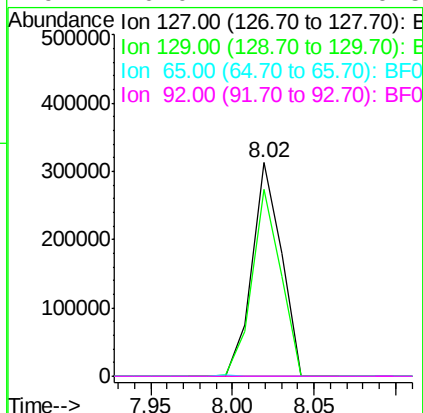
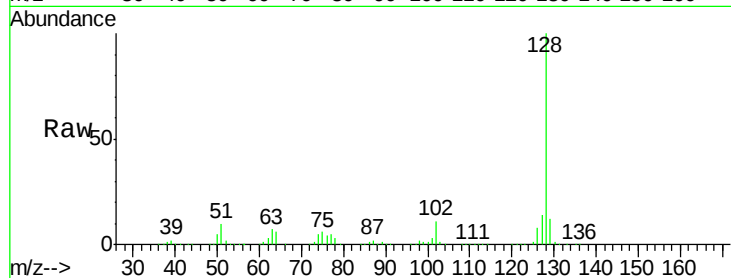




#33
 4-Chloroaniline
 Concen: 27.33 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.07 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

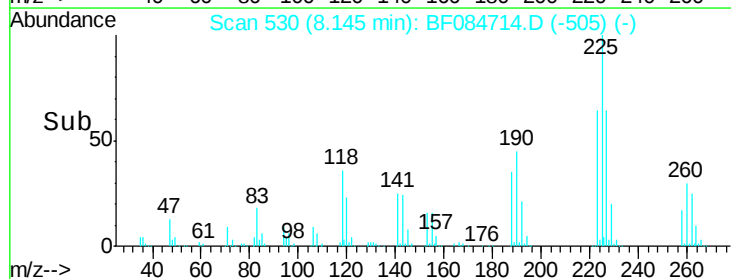
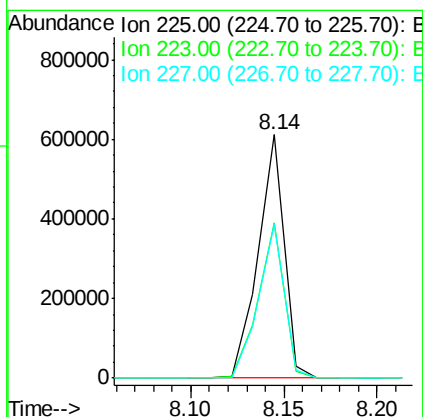
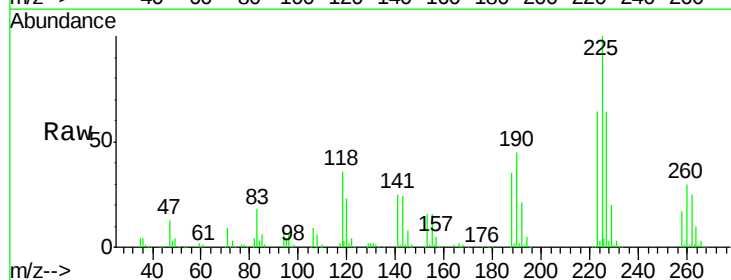
Instrument :
 BNA_F
 ClientSampleId :
 9036

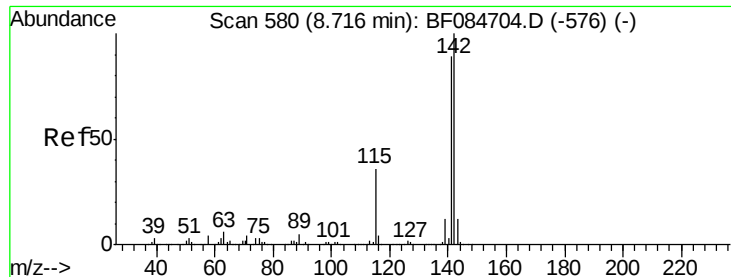
Tgt Ion:	127	Resp:	390447
Ion	Ratio	Lower	Upper
127	100		
129	87.4	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#



#34
 Hexachlorobutadiene
 Concen: 93.97 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

Tgt Ion:	225	Resp:	588167
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.4	74.0
227	63.5	50.8	76.2

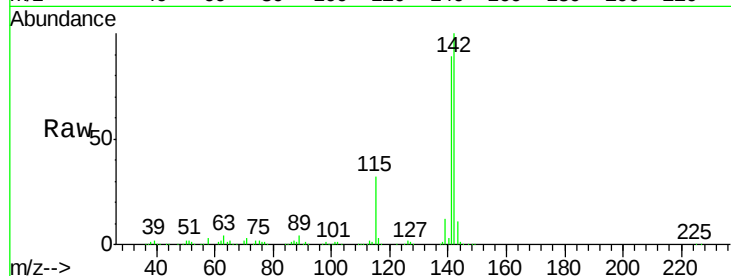




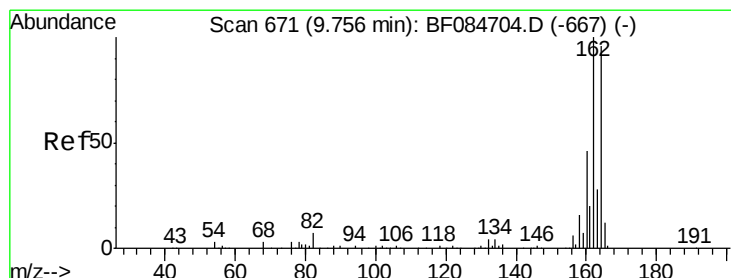
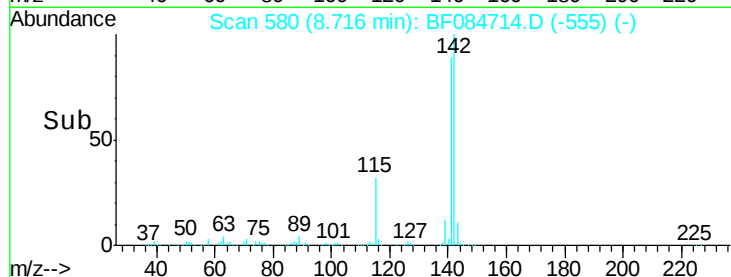
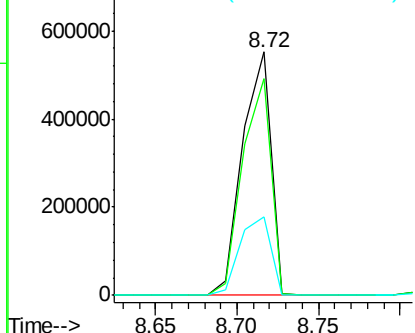
#37
2-Methylnaphthalene
Concen: 30.83 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Instrument :
BNA_F
ClientSampleId :
9036

Tgt Ion:142 Resp: 666691
Ion Ratio Lower Upper
142 100
141 88.8 72.4 108.6
115 32.1 27.9 41.9

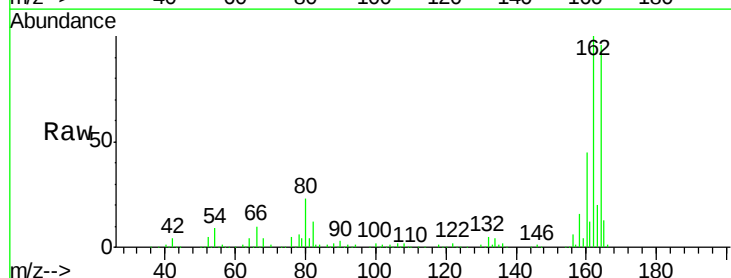


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

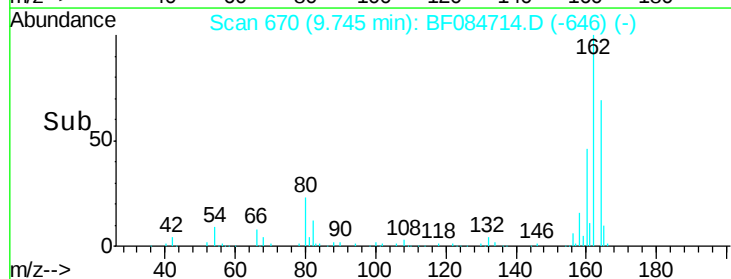
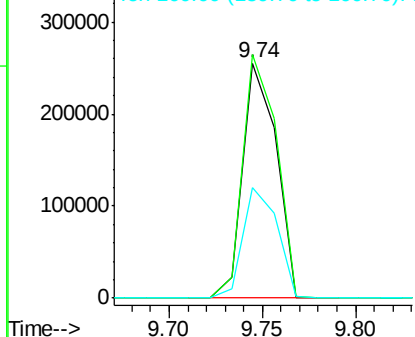


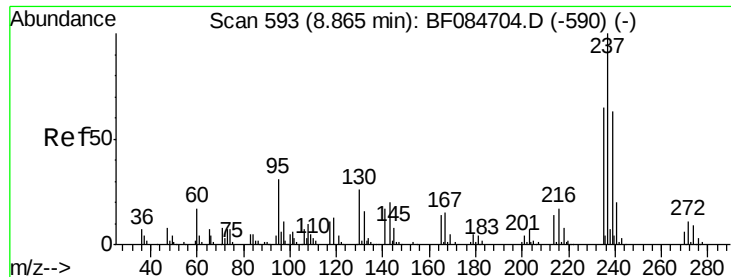
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion:164 Resp: 317848
Ion Ratio Lower Upper
164 100
162 103.7 85.1 127.7
160 47.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

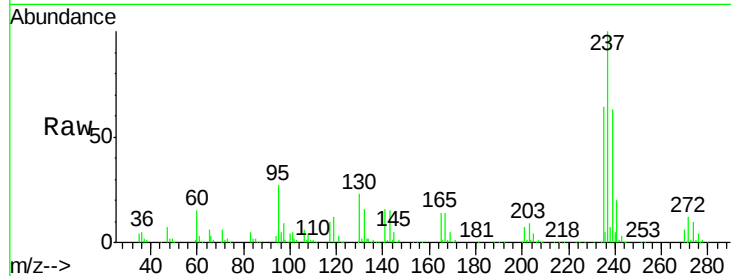




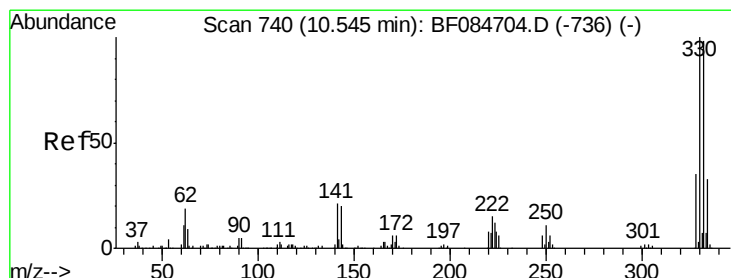
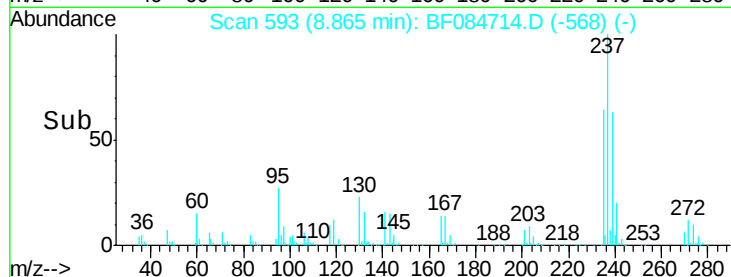
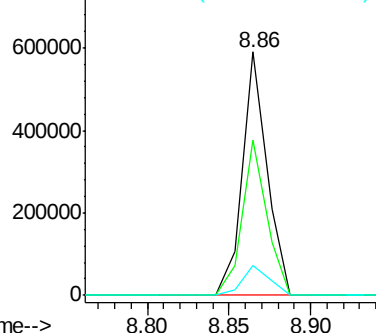
#40
Hexachlorocyclopentadiene
Concen: 117.49 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Instrument :
BNA_F
ClientSampleId :
9036

Tgt Ion: 237 Resp: 622928
Ion Ratio Lower Upper
237 100
235 63.6 43.1 83.1
272 12.5 0.0 35.1

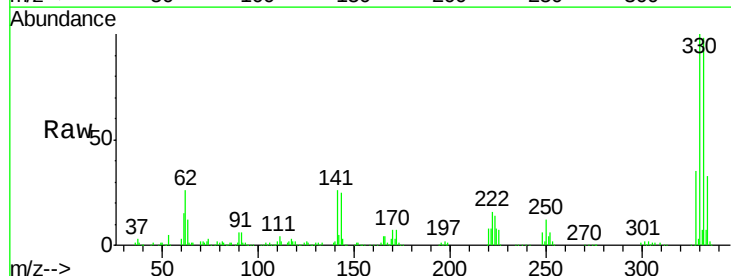


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

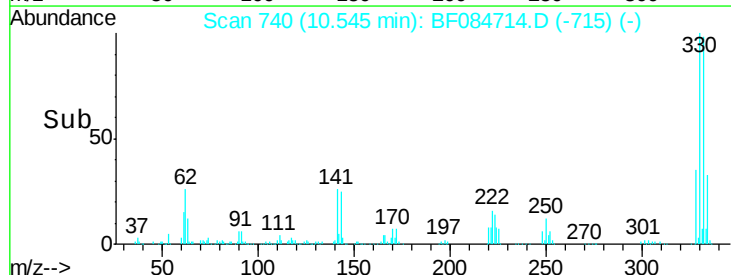
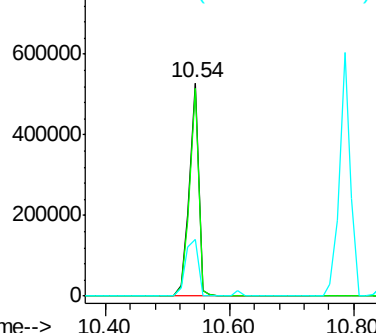


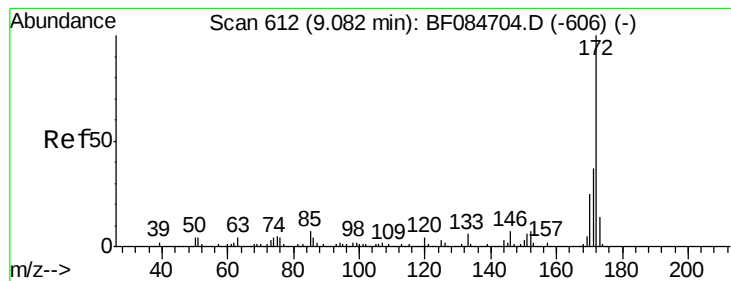
#41
2,4,6-Tribromophenol
Concen: 161.94 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion: 330 Resp: 536885
Ion Ratio Lower Upper
330 100
332 96.3 76.6 114.8
141 36.4 27.8 41.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

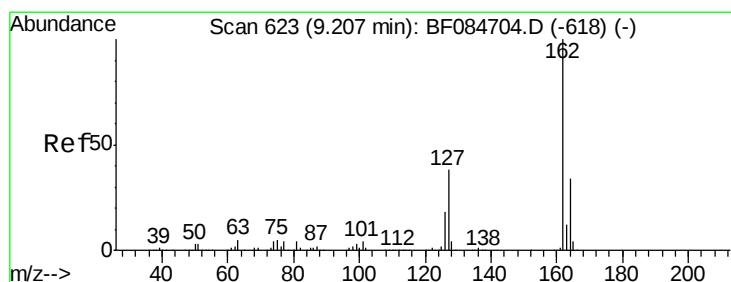
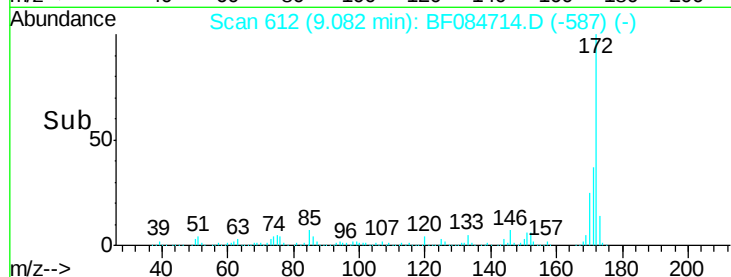
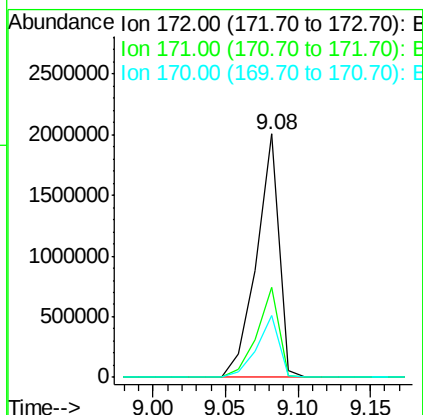
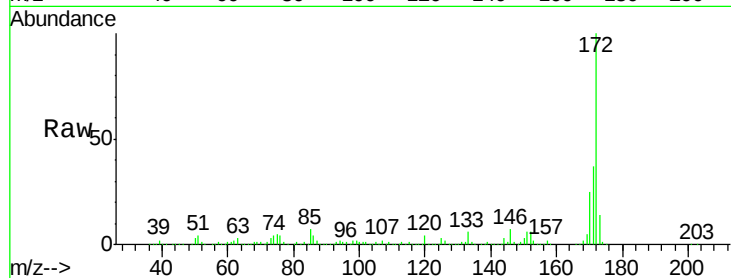




#44
 2-Fluorobiphenyl
 Concen: 171.64 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

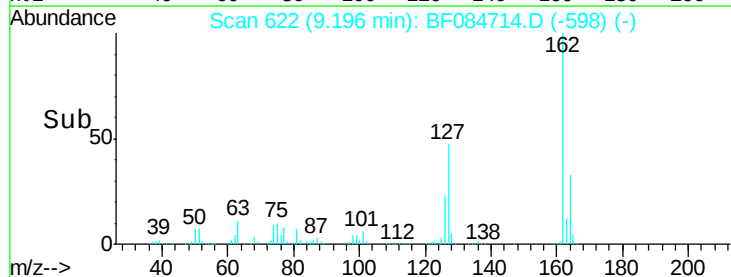
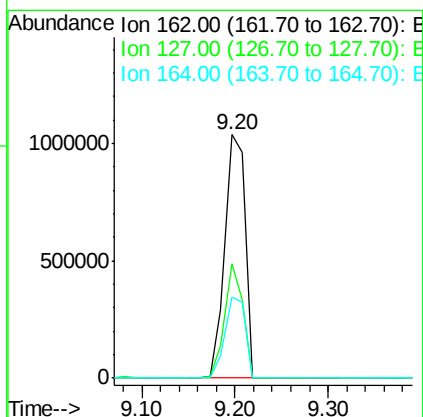
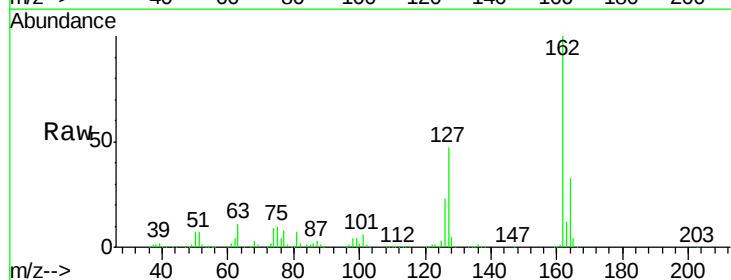
Instrument :
 BNA_F
 ClientSampleId :
 9036

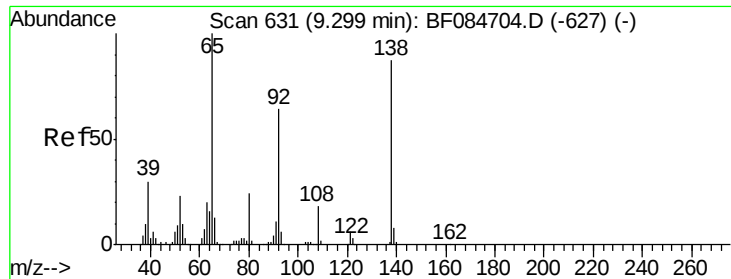
Tgt Ion:172 Resp: 2149969
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.5 18.6 27.8



#46
 2-Chloronaphthalene
 Concen: 75.50 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

Tgt Ion:162 Resp: 1578515
 Ion Ratio Lower Upper
 162 100
 127 46.7 40.2 60.4
 164 33.1 25.7 38.5

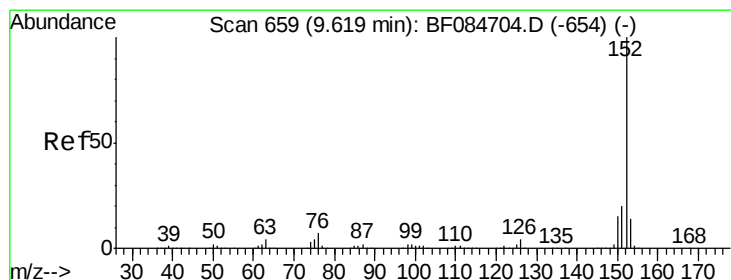
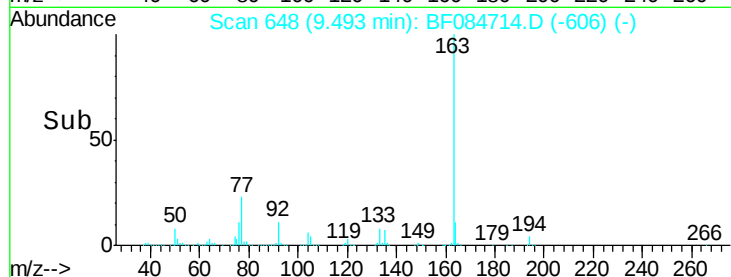
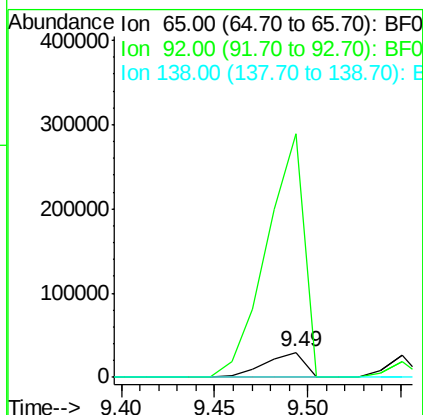
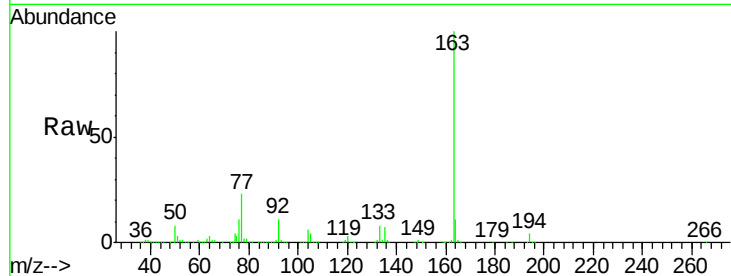




#47
2-Nitroaniline
Concen: 6.59 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.18 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

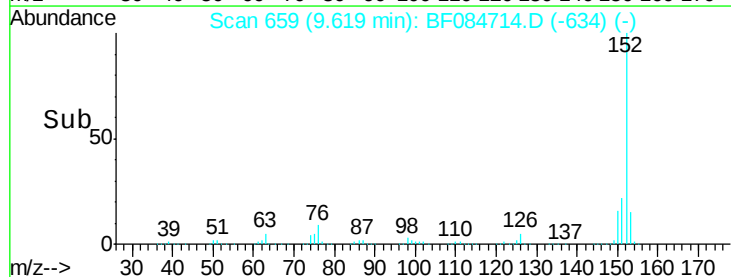
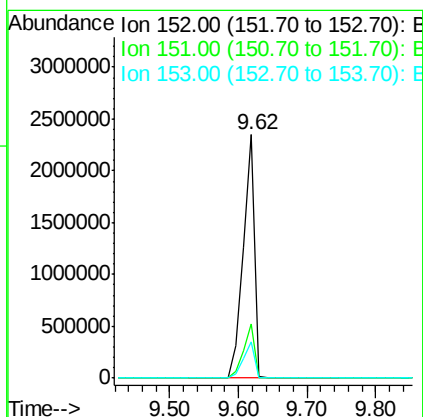
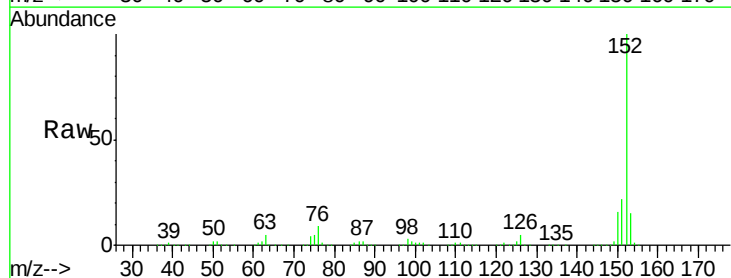
Instrument :
BNA_F
ClientSampleId :
9036

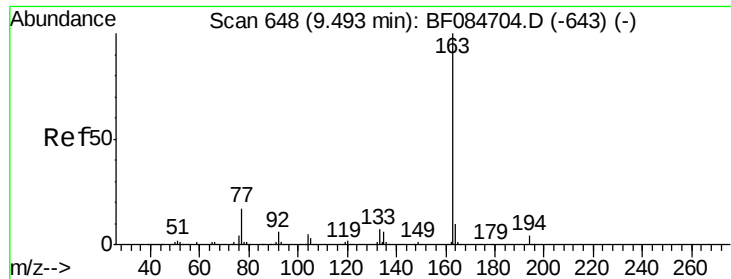
Tgt Ion: 65 Resp: 43627
Ion Ratio Lower Upper
65 100
92 974.5 53.4 80.2#
138 0.0 71.1 106.7#



#48
Acenaphthylene
Concen: 85.48 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion: 152 Resp: 2712013
Ion Ratio Lower Upper
152 100
151 22.0 16.3 24.5
153 15.1 10.4 15.6

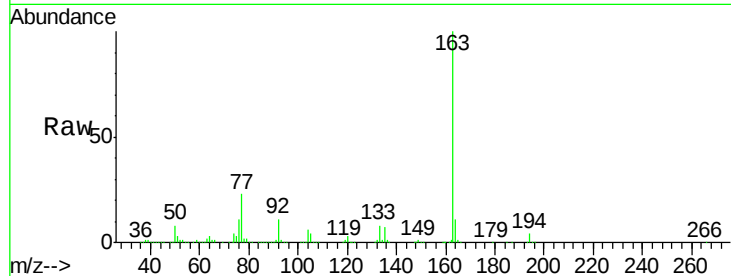




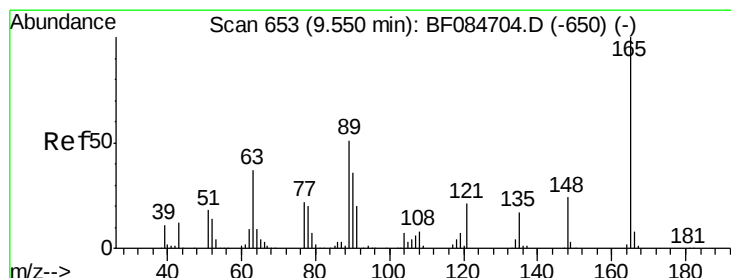
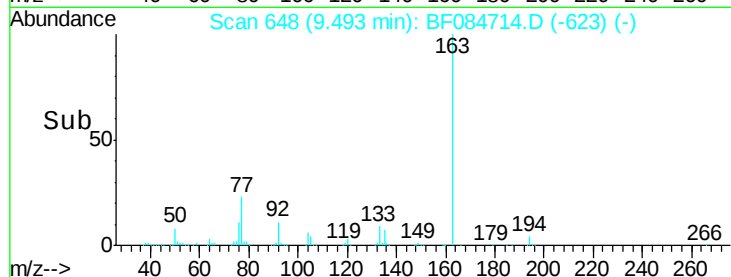
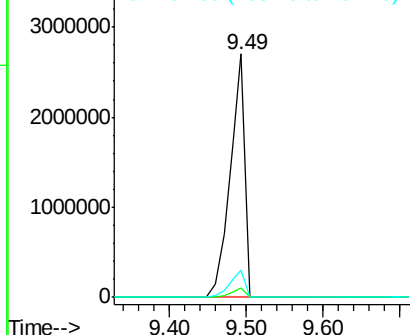
#49
Dimethylphthalate
Concen: 150.04 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Instrument :
BNA_F
ClientSampleId :
9036

Tgt Ion:163 Resp: 3632357
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 11.2 8.0 12.0

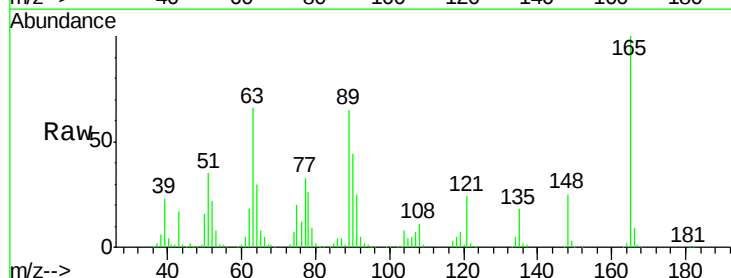


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

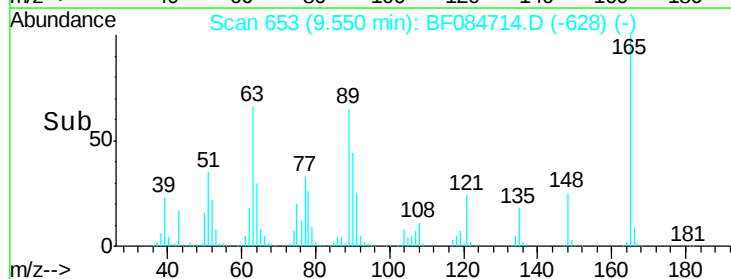
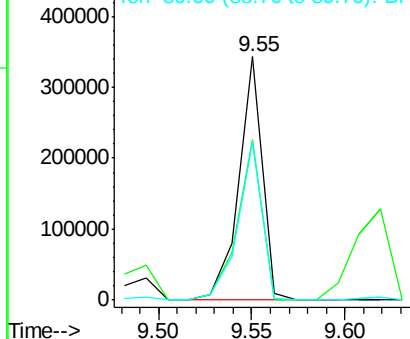


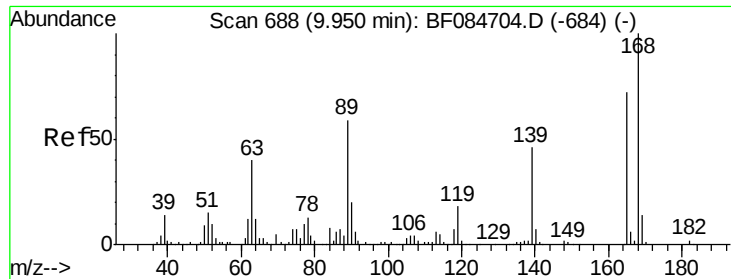
#50
2,6-Dinitrotoluene
Concen: 57.31 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion:165 Resp: 303105
Ion Ratio Lower Upper
165 100
63 65.9 28.8 43.2#
89 64.6 35.1 52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

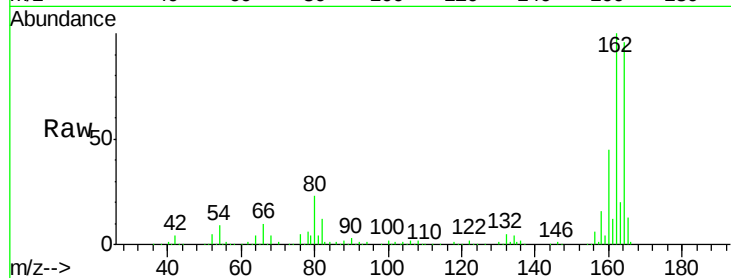




#56
2,4-Dinitrotoluene
Concen: 6.05 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.22 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Instrument :
BNA_F
ClientSampleId :
9036

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40817		
63	1.8	36.7	55.1#	
89	1.6	61.9	92.9#	
182	0.0	2.0	3.0#	



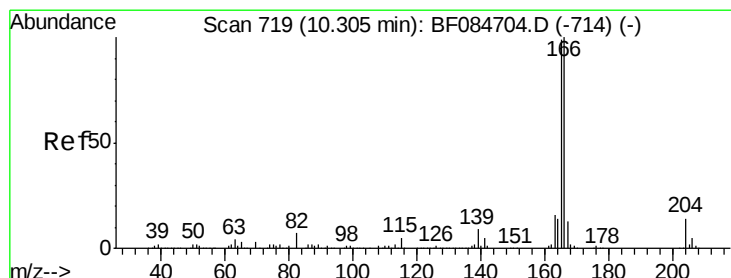
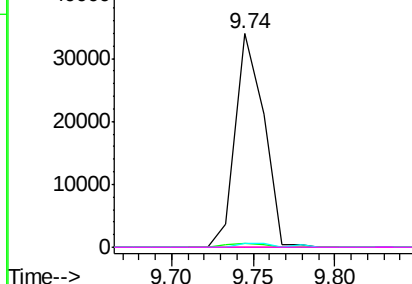
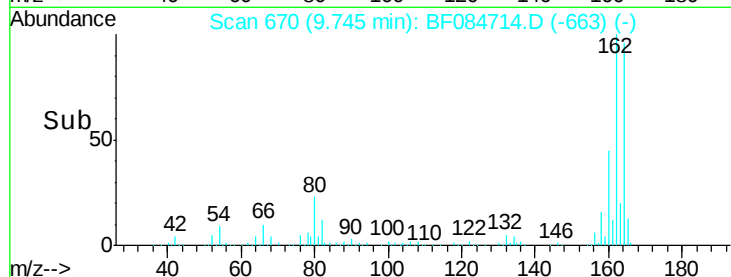
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

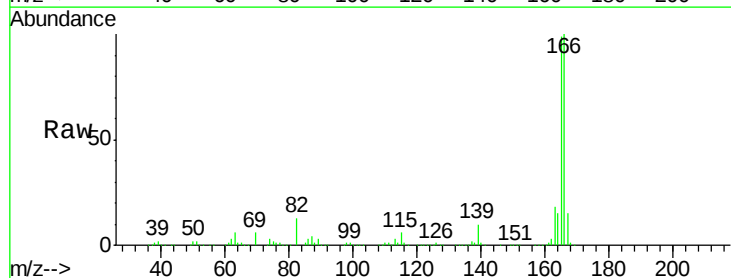
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 136.29 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2871171		
165	98.6	79.1	118.7	
167	14.8	10.4	15.6	

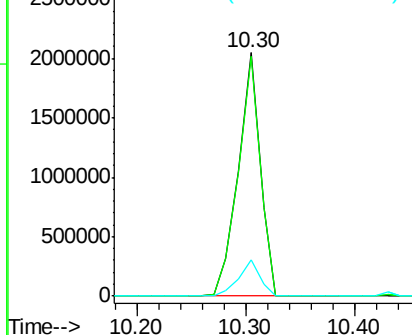
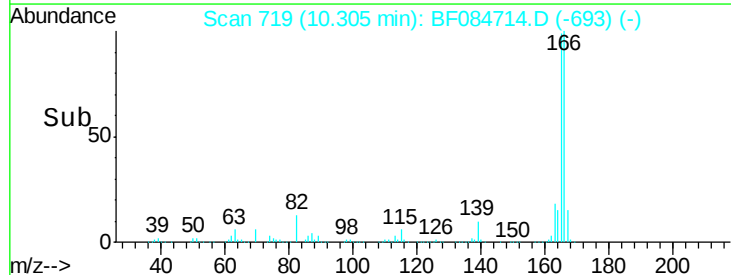


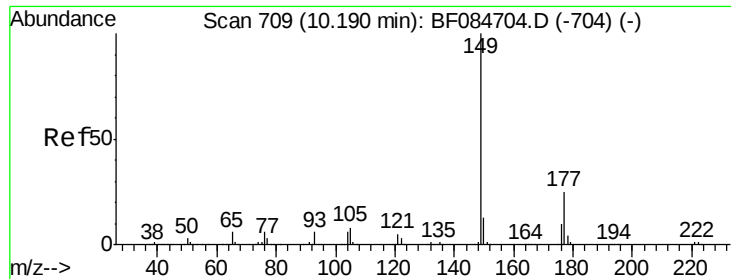
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

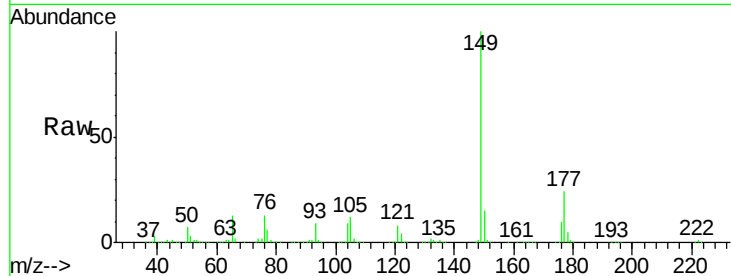




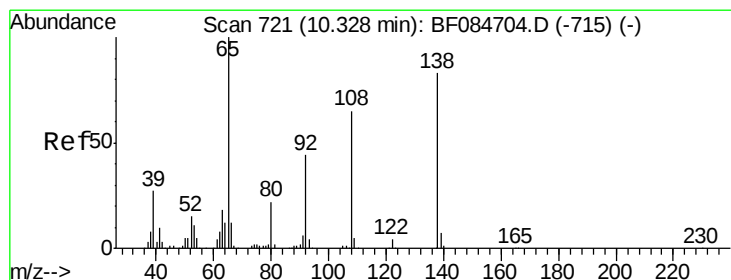
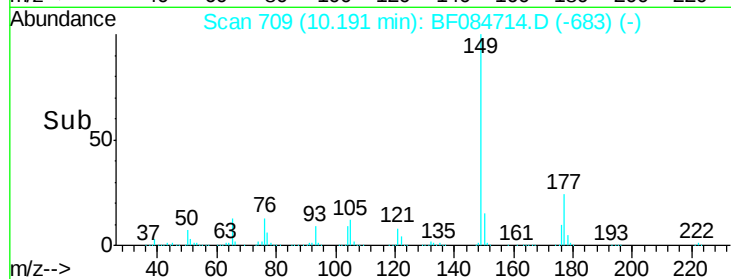
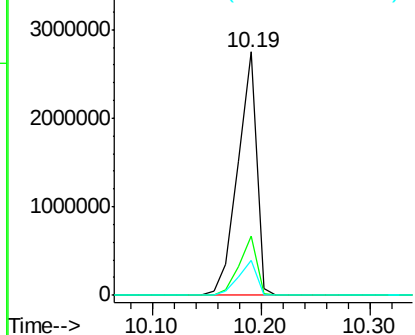
#59
Diethylphthalate
Concen: 136.98 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Instrument :
BNA_F
ClientSampleId :
9036

Tgt Ion:149 Resp: 3238028
Ion Ratio Lower Upper
149 100
177 24.4 17.3 25.9
150 14.6 9.8 14.8

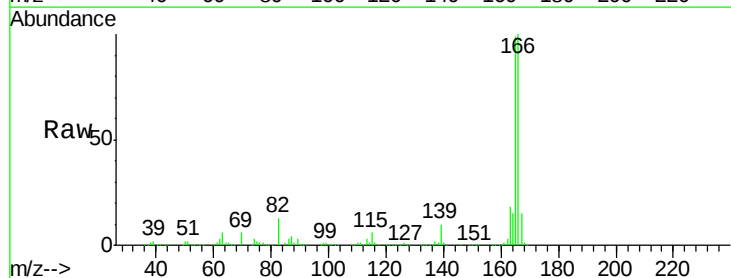


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

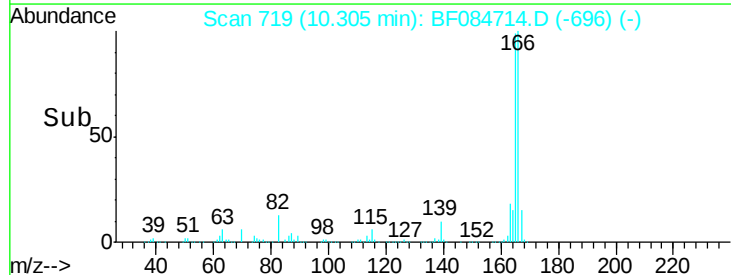
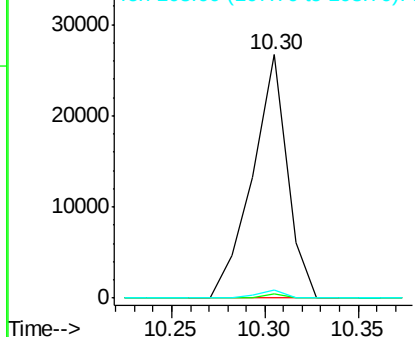


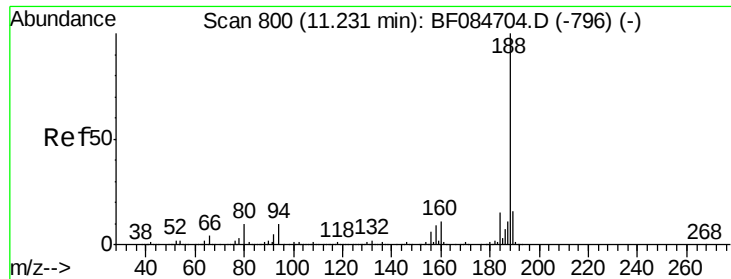
#61
4-Nitroaniline
Concen: 6.00 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion:138 Resp: 34763
Ion Ratio Lower Upper
138 100
92 1.5 32.6 72.6#
108 3.6 68.6 108.6#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

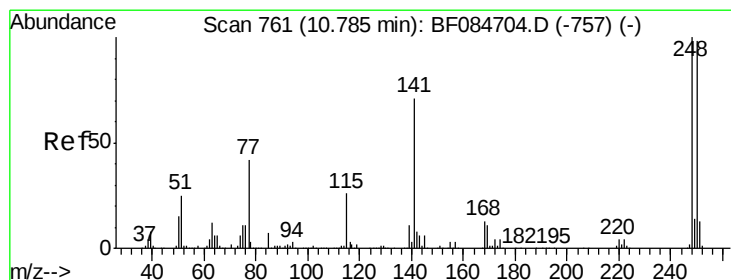
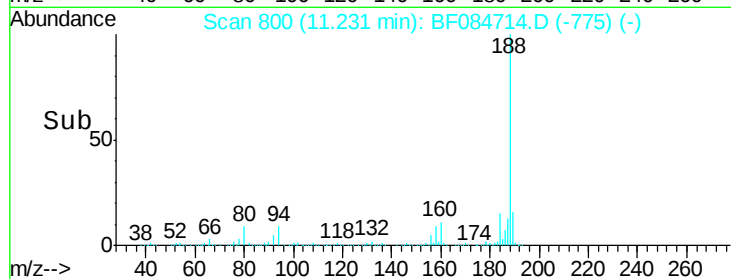
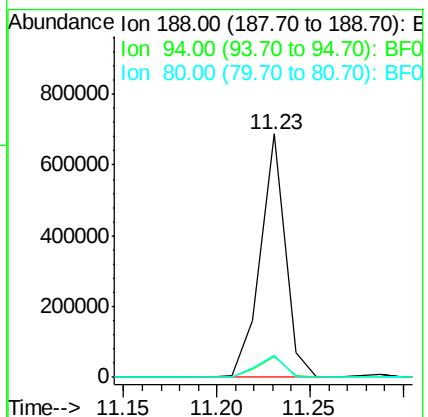
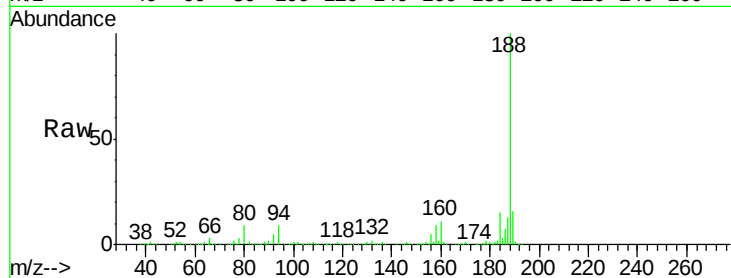




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

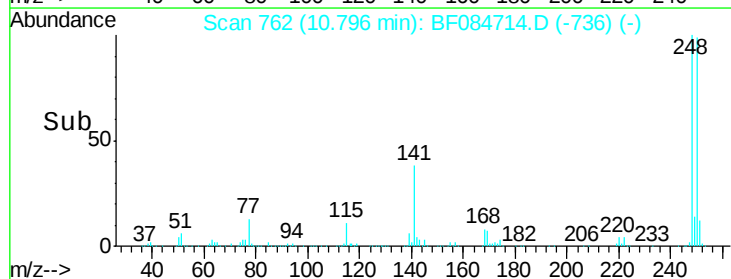
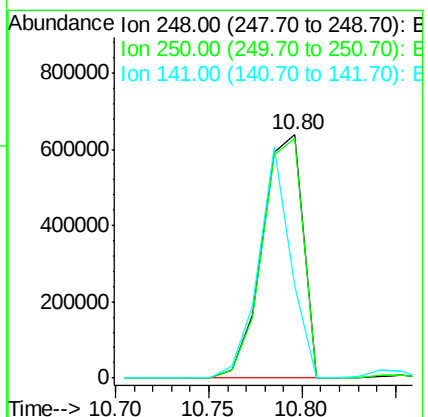
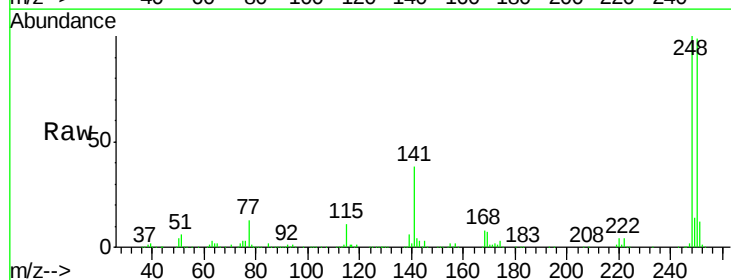
Instrument :
BNA_F
ClientSampleId :
9036

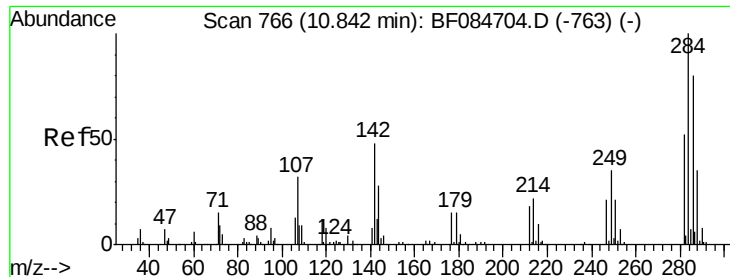
Tgt Ion:188 Resp: 634016
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 8.9 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 138.69 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF084714.D
Acq: 1 Feb 2016 17:31

Tgt Ion:248 Resp: 971222
Ion Ratio Lower Upper
248 100
250 98.5 78.4 117.6
141 38.0 44.0 66.0#





#67

Hexachlorobenzene

Concen: 70.14 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampleId :

9036

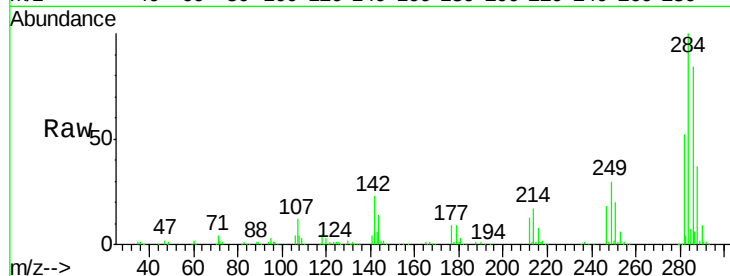
Tgt Ion:284 Resp: 535198

Ion Ratio Lower Upper

284 100

142 23.0 22.2 33.4

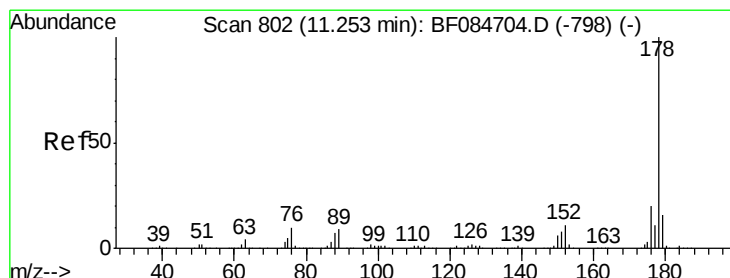
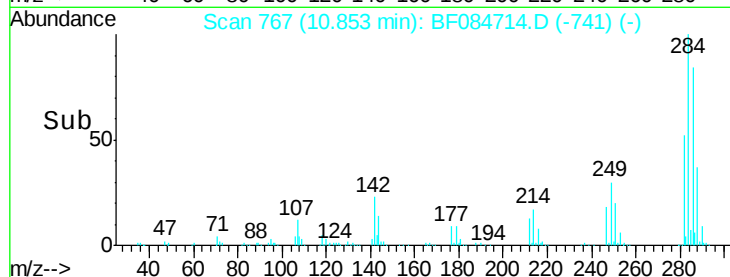
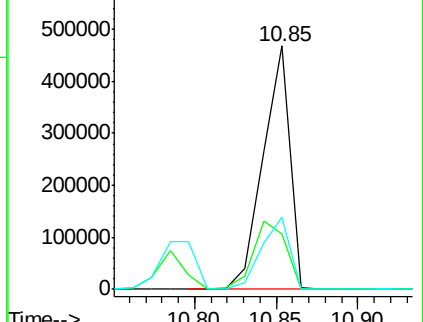
249 29.7 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70

Phenanthrene

Concen: 47.64 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

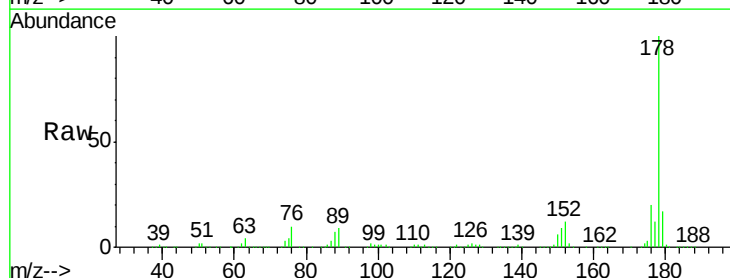
Tgt Ion:178 Resp: 1675215

Ion Ratio Lower Upper

178 100

176 20.4 15.3 22.9

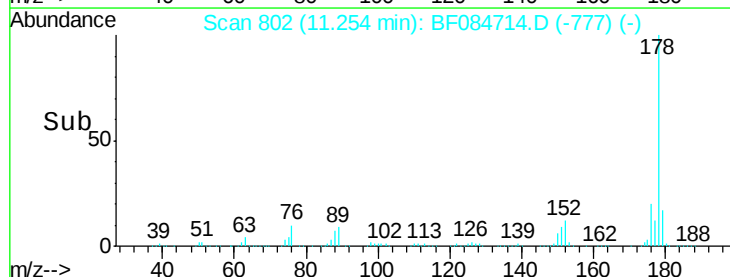
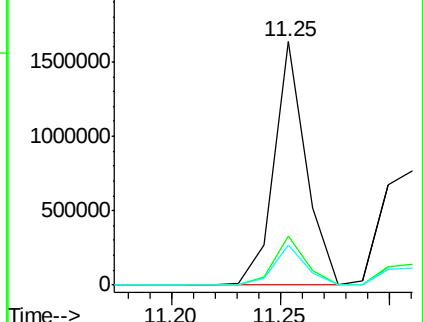
179 16.5 12.0 18.0

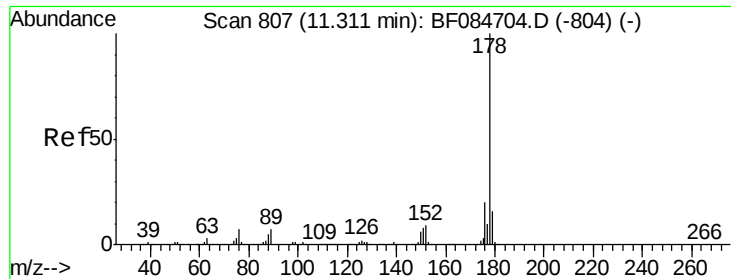


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

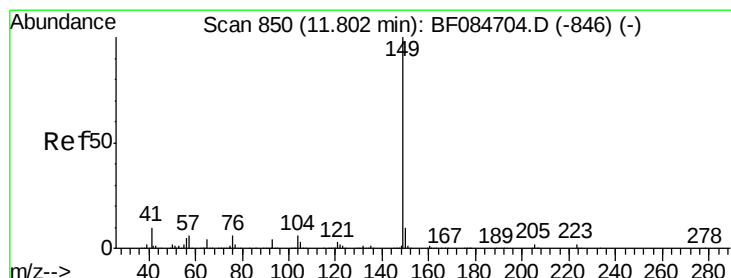
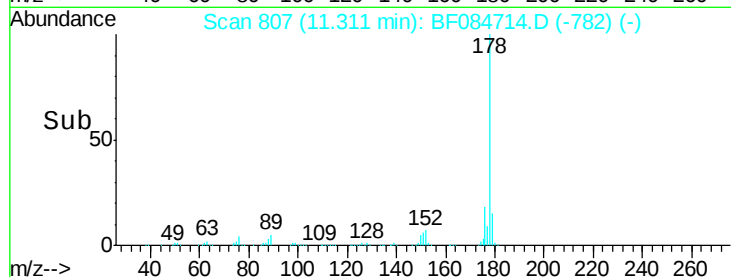
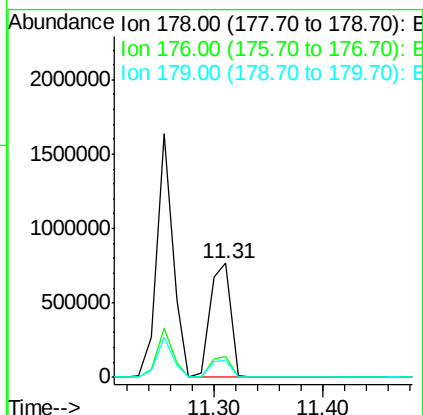
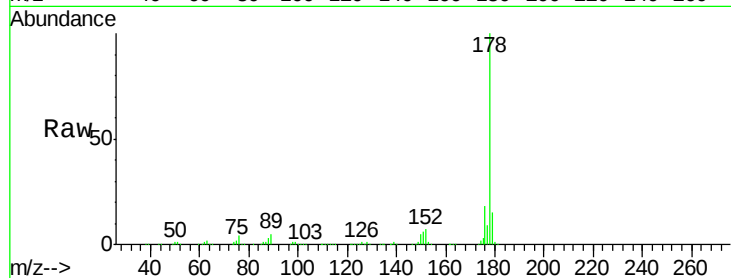




#71
 Anthracene
 Concen: 28.70 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

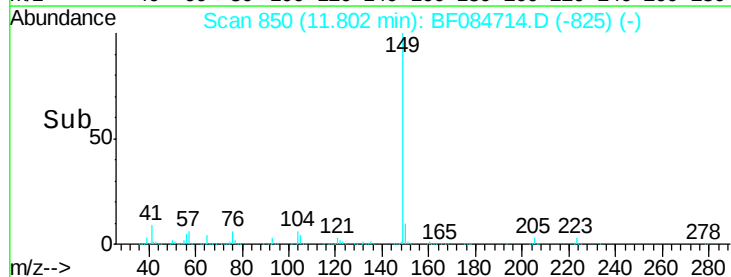
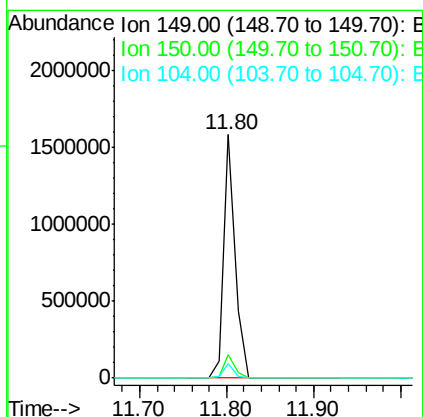
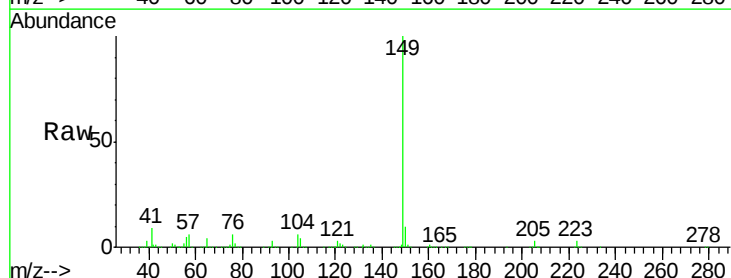
Instrument :
 BNA_F
 ClientSampleId :
 9036

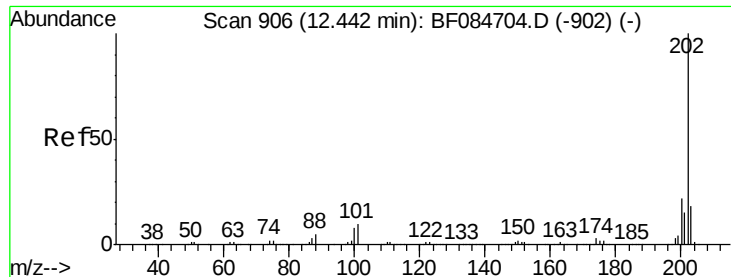
Tgt Ion:178 Resp: 1016854
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.0
 179 14.8 12.5 18.7



#73
 Di-n-butylphthalate
 Concen: 37.29 ng
 RT: 11.80 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

Tgt Ion:149 Resp: 1466838
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.1 10.7
 104 5.8 3.2 4.8#





#74

Fluoranthene

Concen: 62.20 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampled :

9036

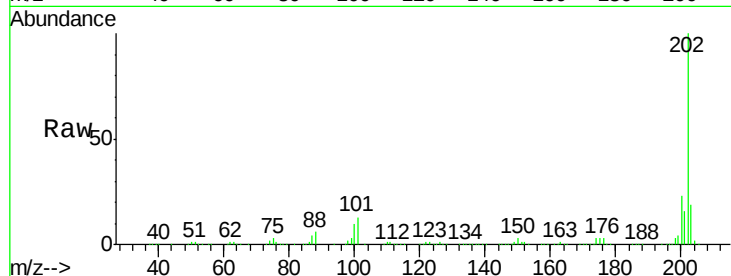
Tgt Ion:202 Resp: 2213628

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.8

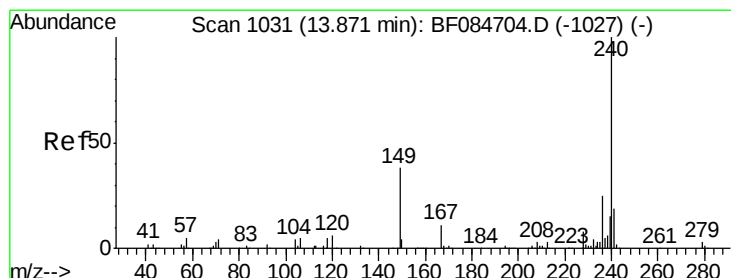
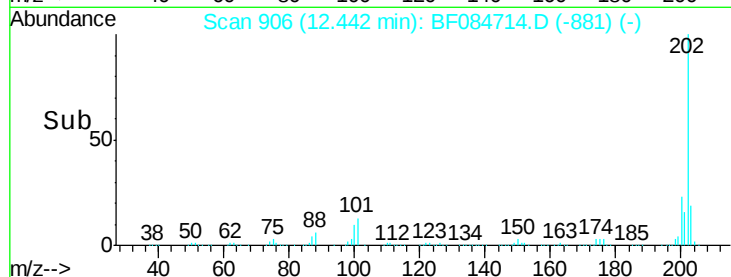
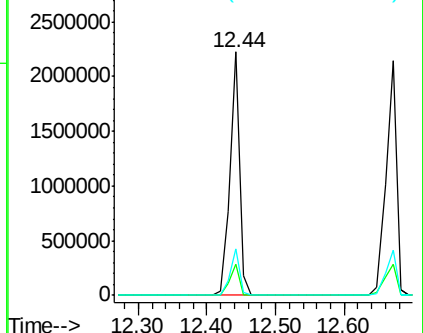
203 19.2 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

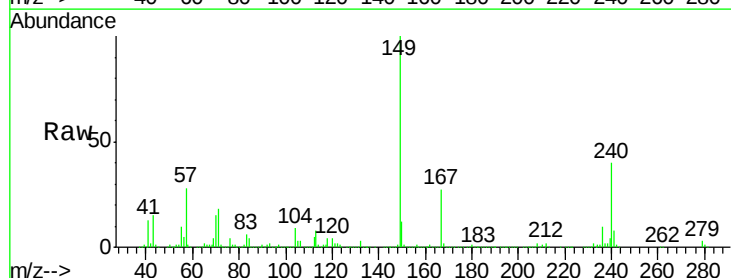
Tgt Ion:240 Resp: 486238

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

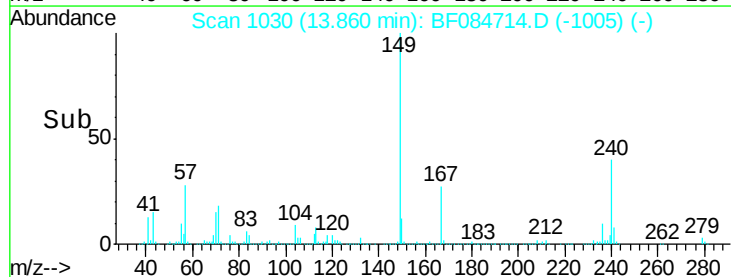
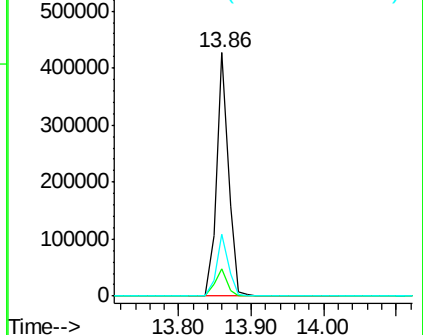
236 25.4 20.6 31.0

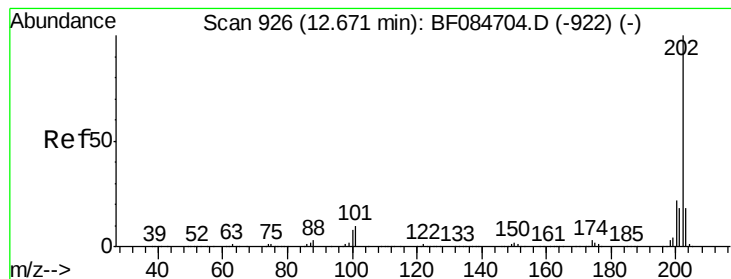


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 60.77 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampleId :

9036

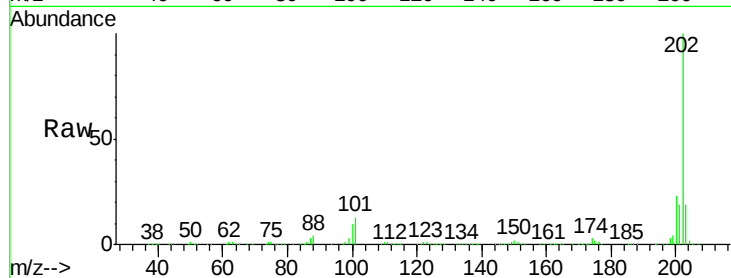
Tgt Ion:202 Resp: 2262522

Ion Ratio Lower Upper

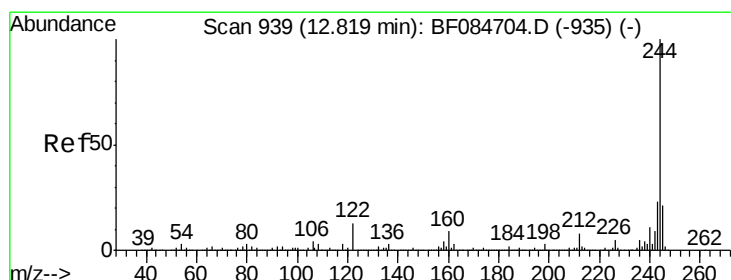
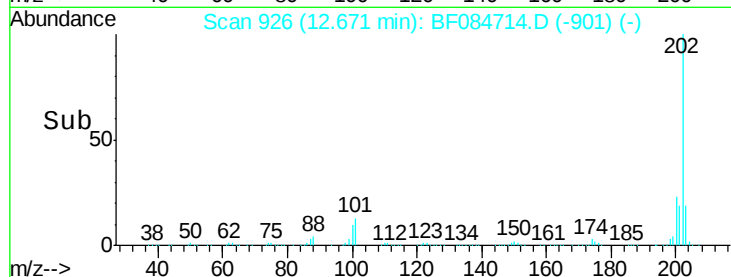
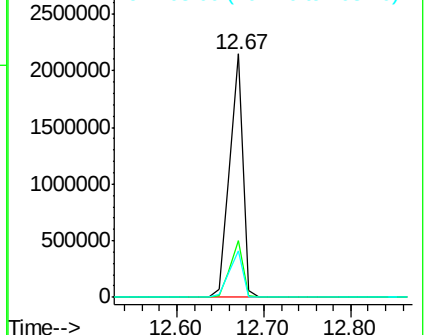
202 100

200 23.2 17.2 25.8

203 19.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.88 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

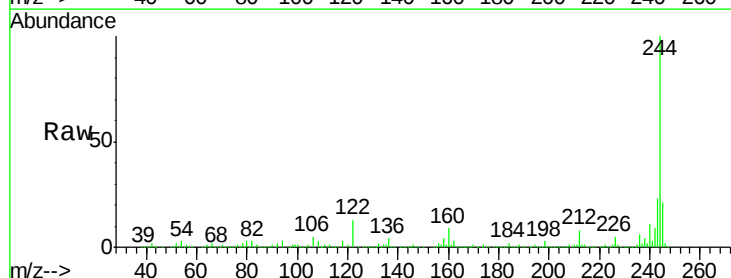
Tgt Ion:244 Resp: 2014343

Ion Ratio Lower Upper

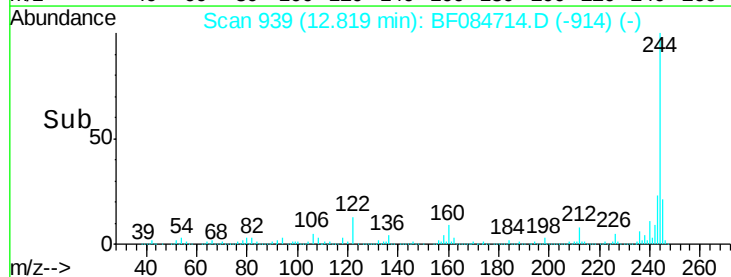
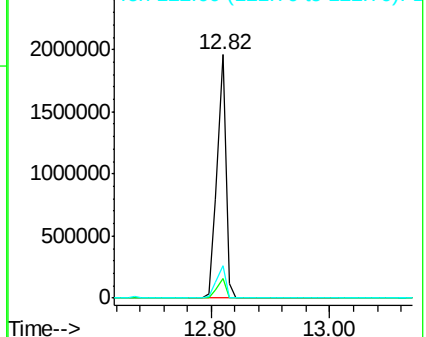
244 100

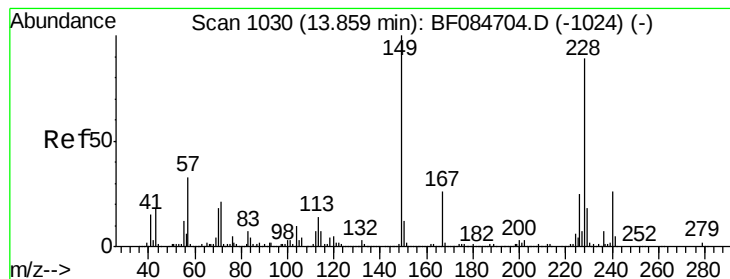
212 7.8 5.7 8.5

122 13.4 7.4 11.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 70.99 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.03 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampleId :

9036

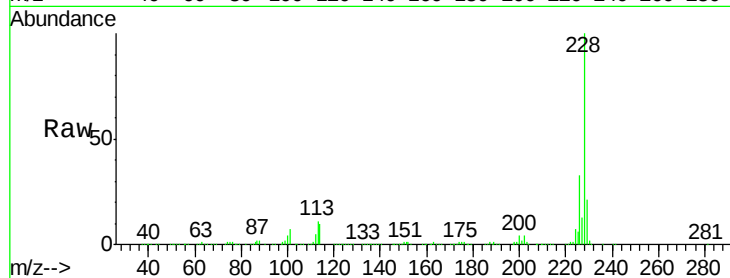
Tgt Ion:228 Resp: 2142521

Ion Ratio Lower Upper

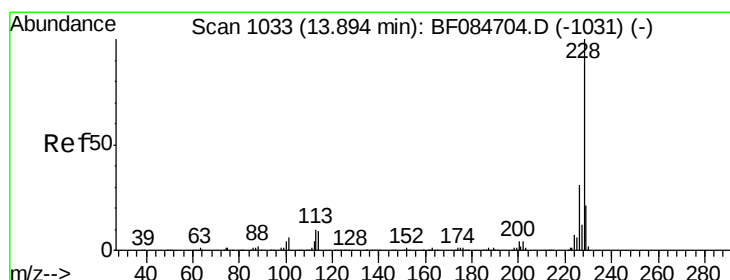
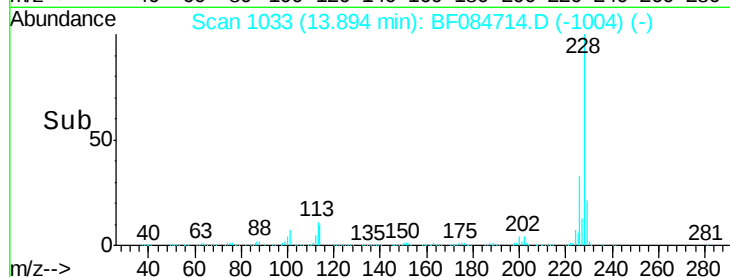
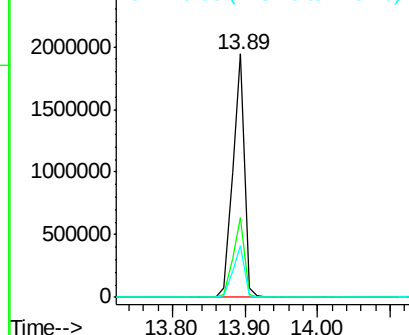
228 100

226 32.7 21.8 32.6#

229 21.2 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 73.21 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

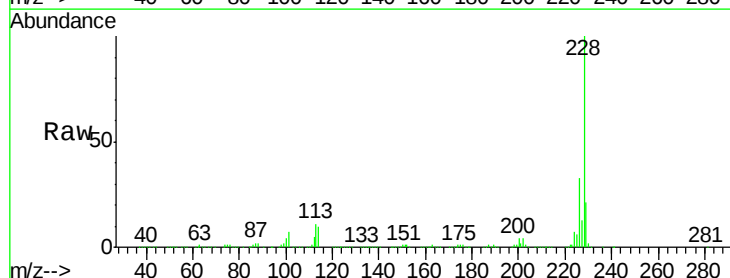
Tgt Ion:228 Resp: 2142521

Ion Ratio Lower Upper

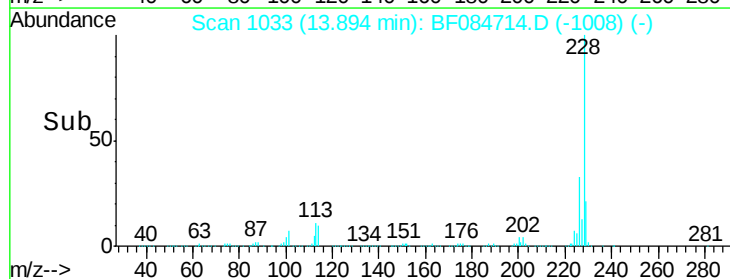
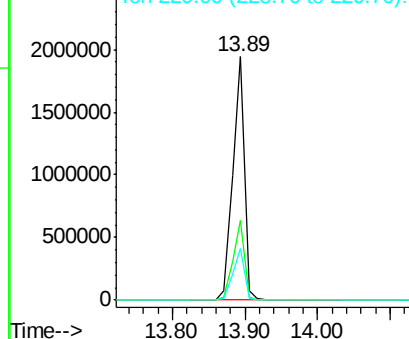
228 100

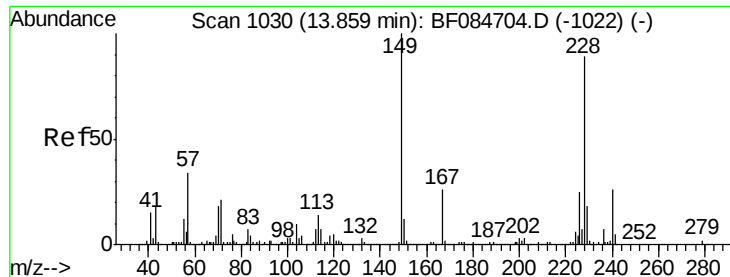
226 32.7 24.3 36.5

229 21.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.26 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampleId :

9036

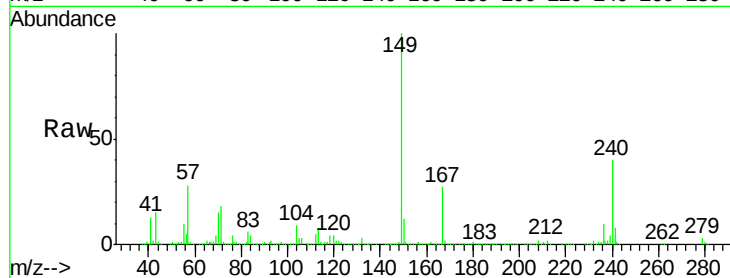
Tgt Ion:149 Resp: 951185

Ion Ratio Lower Upper

149 100

167 27.1 19.7 29.5

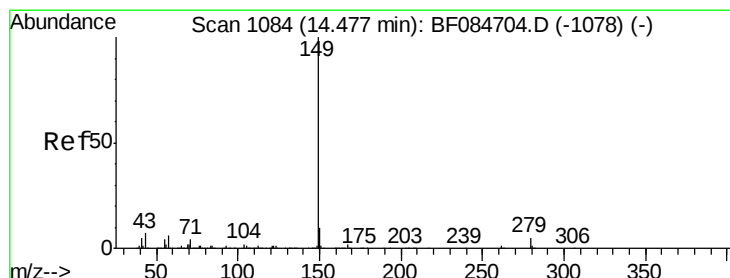
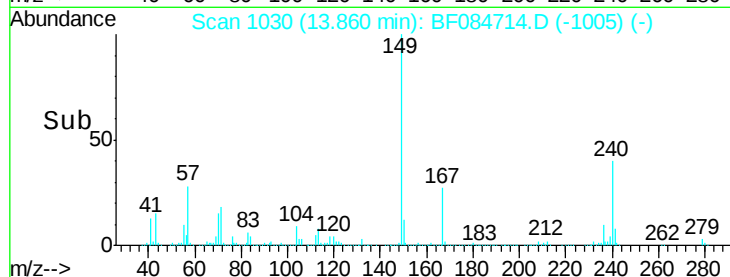
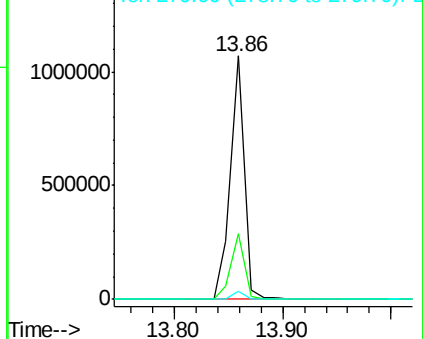
279 3.2 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 123.92 ng

RT: 14.48 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

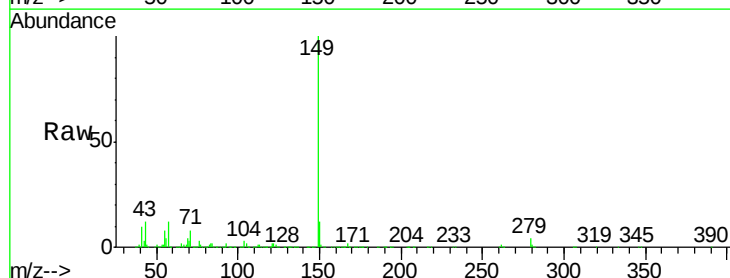
Tgt Ion:149 Resp: 4296720

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

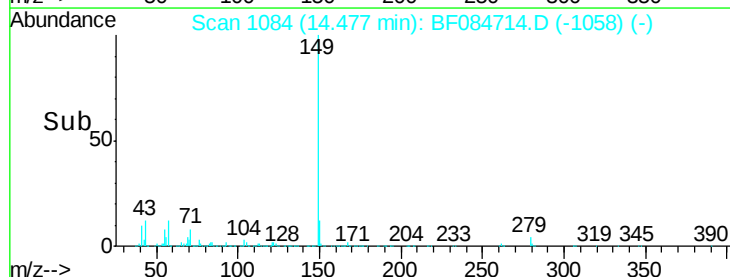
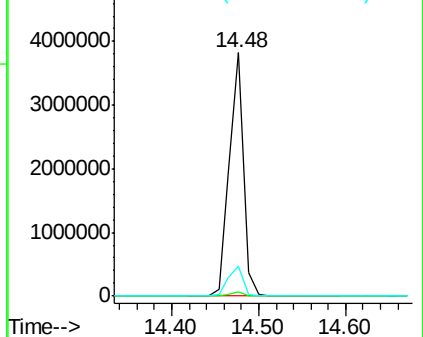
43 12.6 5.6 8.4#

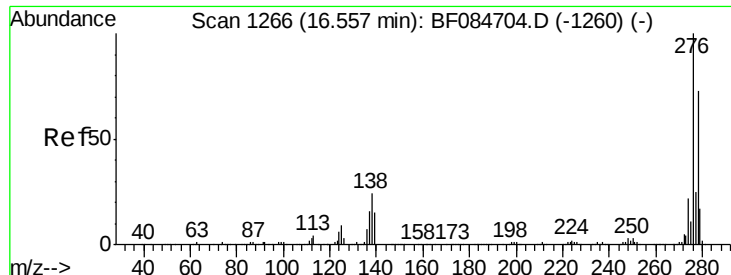


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

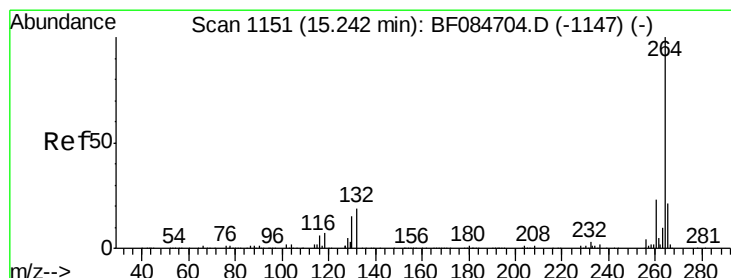
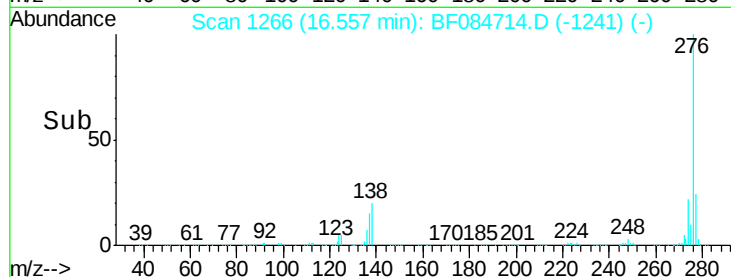
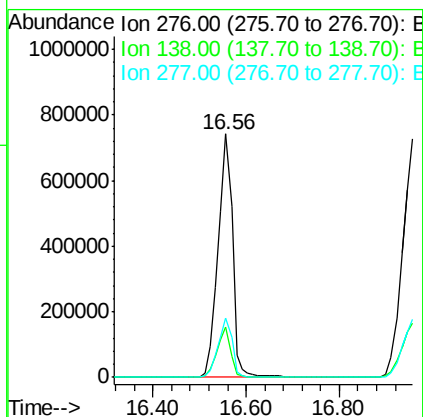
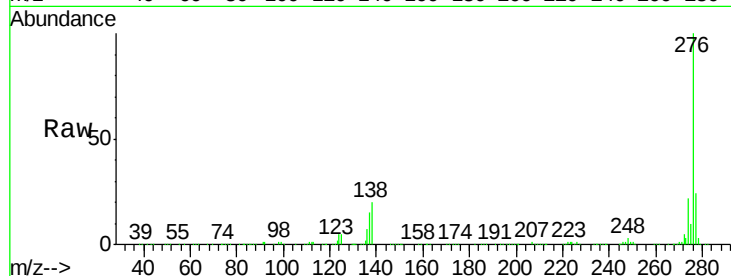




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.67 ng
 RT: 16.56 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

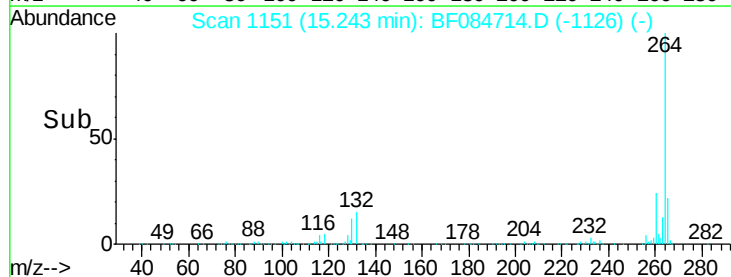
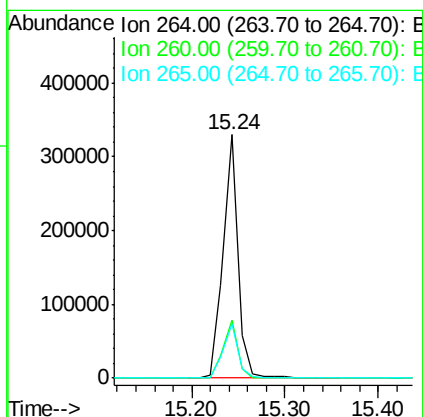
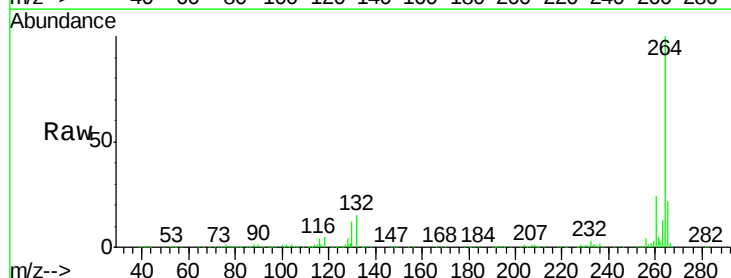
Instrument :
 BNA_F
 ClientSampleId :
 9036

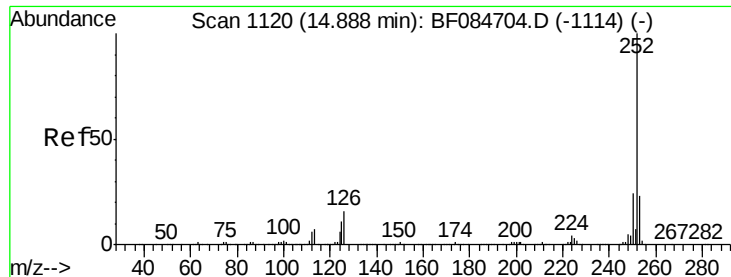
Tgt Ion: 276 Resp: 1581725
 Ion Ratio Lower Upper
 276 100
 138 19.6 20.6 30.8#
 277 24.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

Tgt Ion: 264 Resp: 364718
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.5 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 111.34 ng

RT: 14.87 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

Instrument :

BNA_F

ClientSampleId :

9036

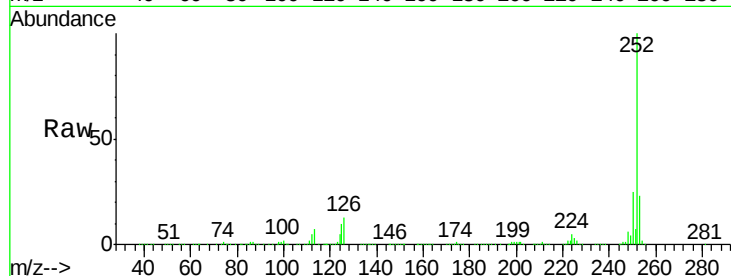
Tgt Ion:252 Resp: 2728409

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

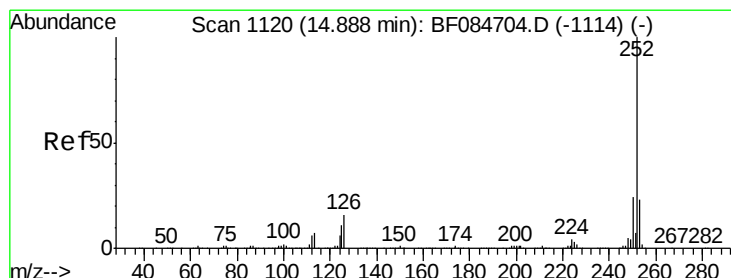
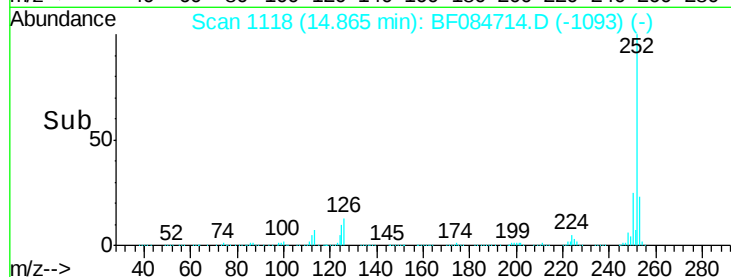
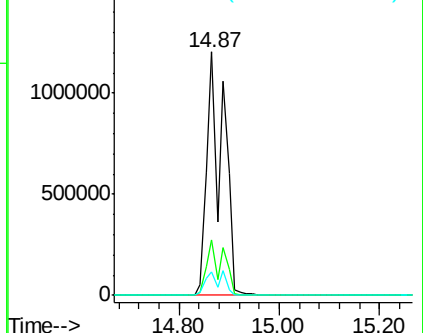
125 9.8 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 134.68 ng

RT: 14.87 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BF084714.D

Acq: 1 Feb 2016 17:31

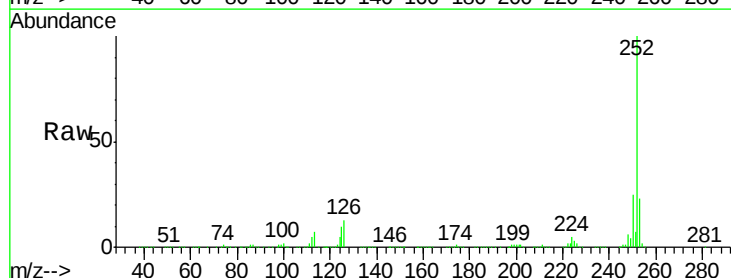
Tgt Ion:252 Resp: 2728892

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

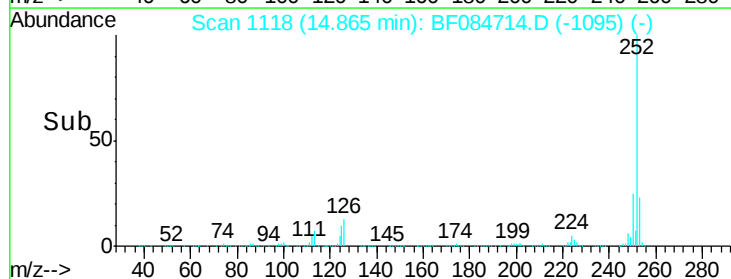
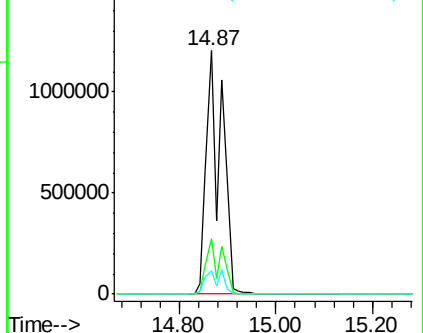
125 9.8 9.0 13.6

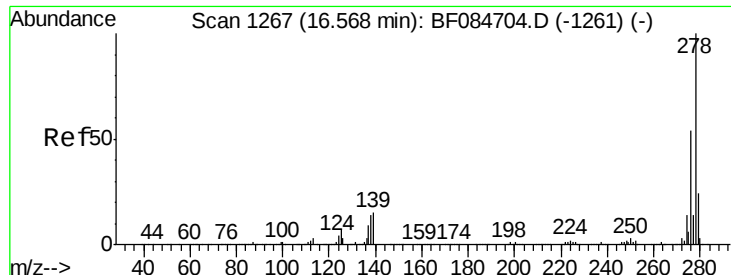


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

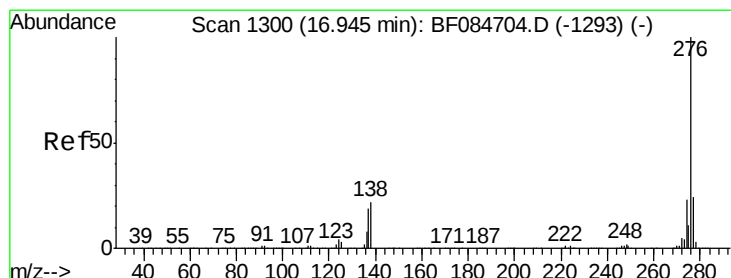
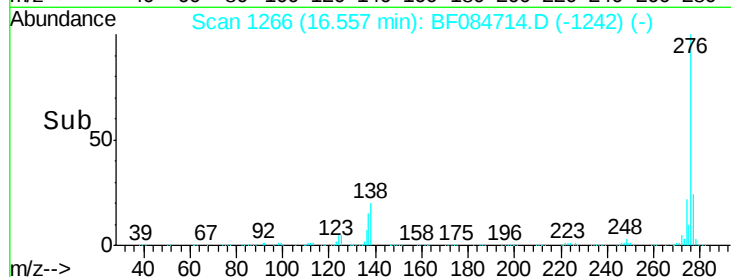
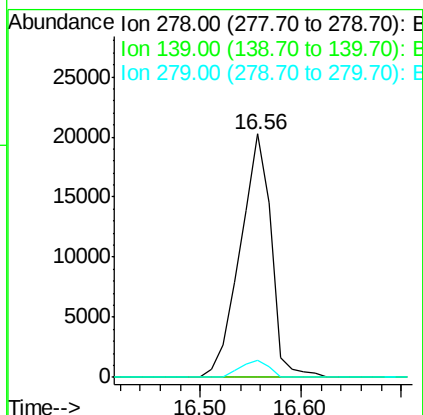
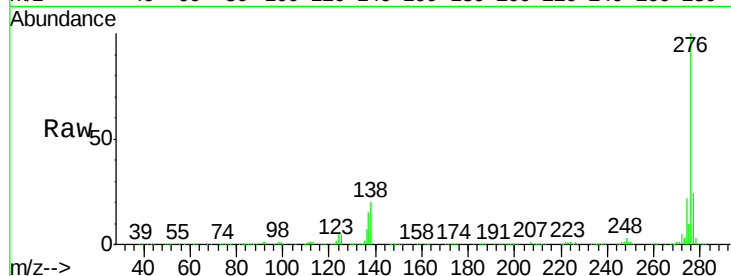




#90
 Dibenzo(a,h)anthracene
 Concen: 2.46 ng
 RT: 16.56 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

Instrument :
 BNA_F
 ClientSampleId :
 9036

Tgt Ion: 278 Resp: 43309
 Ion Ratio Lower Upper
 278 100
 139 0.0 15.0 22.4#
 279 7.1 18.9 28.3#



#91
 Benzo(g,h,i)perylene
 Concen: 168.77 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. 0.02 min
 Lab File: BF084714.D
 Acq: 1 Feb 2016 17:31

Tgt Ion: 276 Resp: 2988053
 Ion Ratio Lower Upper
 276 100
 277 24.5 18.8 28.2
 138 22.5 17.8 26.6

